

"A STUDY OF KRETSCHMER'S THEORY OF PHYSICAL TYPES

IN THE PSYCHOSES."

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"A STUDY OF KRETSCHMER'S THEORY OF PHYSICAL TYPES  
IN THE PSYCHOSES."

Much attention has recently been directed towards the variations which occur in physical conformation in association with mental types. Contemporary medical literature is full of references to the subject, but very little care seems to have been taken to verify the accuracy of the statements quoted. This is especially true in this country where no effort appears to have been made to discover if the results claimed by Kretschmer to hold for the Schwabians are equally true of the inhabitants of this island. It is with this object that I undertook the work which forms the basis of this thesis.

That there is some connection between bodily form and personality is accepted as almost a commonplace. Everyone is guided to a greater or less degree by appearance in their first estimation of character. Records of this fact are as old as literature itself. The drama especially has always recognised the value of suitable "make up" as an aid to the impersonation of temperament. Cassius and Falstaff in Shakespeare and Friar Tuck in the legend of "Robin Hood" are all examples of this tendency.

THE STUDY OF PHYSIQUE IN RELATION TO DISEASE.

The relation of physique and disposition to disease is a subject which has aroused speculation and research since the time of the Ancients. Hippocrates described the "habitus phthisicus" and "habitus apoplecticus". The application to general medicine of anthropometric methods on a scientific basis does not appear to have been attempted until the beginning of this century.

De Giovanni (1) stimulated by the work of Darwin and his followers and especially Haeckel formed the hypothesis that disposition to disease depended on the arrest of the development of part or parts of the individual organism. He stated, "the degree of development of the different parts of the body being known, and the relations in which they

are found established, one can conclude on the state of morphological harmony or discord, or otherwise, on the individual constitution." He investigated a large number of cases by complicated anthropometric methods and in a certain number of cases correlated his findings with measurements of the internal organs determined post mortem. He believed that by body measurements he could obtain reliable indications of the development of the internal organs and thus arrive at conclusions concerning their functional efficiency. The accuracy of his methods have been questioned and recent research has rendered his hypothesis untenable as it is based solely on a measurement of bulk and not of physiological efficiency. It will be seen that measurements play a large part in more recent attempts at classification and that much importance is still attached to the capacity of the body cavities.

In Italy de Giovanni created a school of medical morphologists. Sigaud (2) some years later aroused interest in the problem of physique and disease in France. His work was based on the idea that there are four chief anatomical systems, which he postulates as follows -

- (1) Le système broncho-pulmonaire.
- (2) Le système gastro-intestinal et ses glands annexes.
- (3) Le système musculo-articulaire et son revêtement cutané.
- (4) Le système cerebro-spinal et ses émanations périphériques.

According to the predominance of one or other of these systems individuals were grouped into four types, Respiratory, Digestive, Muscular or Cerebral. Here again there is the idea that because one organ or system of organs is larger than another there is a hyperfunction of that organ or system.

In Germany, Bauer (3) made use of Sigaud's types in his work on constitutional disposition to disease. He also gave a description of two types which are now associated with his name, the arthritic and asthenic. The former is a broad thick-set type with considerable fat development, while the latter is typically long and lean.



THE STUDY OF PHYSIQUE IN RELATION TO PSYCHIATRY.

Kretschmer (4) investigated the problem of the relation of physique to psychological reaction. It must be clearly recognised that while most of the material examined by him consisted of patients suffering from the psychoses, he insists that his types are found also among the so-called "normal" population. He thus separates himself at the outset from those who base their types on a theory of disposition to disease. He endeavours by measurement and observation to discover if he can group his material according to physique, and then attempts to correlate this grouping with well defined psychological reaction-types. As a result he describes the following groups -

(1) Asthenic (2) Athletic (3) Pyknic, and a minor Dysplastic group. He formulates his results thus -

- "(1) There is a clear biological affinity between the psychic disposition of the manic-depressives and the pyknic body type.
- "(2) There is a clear biological affinity between the psychic disposition of the schizophrenes and the bodily disposition characteristic of the asthenics, athletics and certain dysplastics.
- "(3) And vice-versa there is only a weak affinity between schizophrene and pyknic on the one hand and between circulars and asthenics, athletics and dysplastics on the other."

A detailed consideration and criticism of Kretschmer's work will be made later when the methods and results of the investigation contained in this thesis are considered. His material was chiefly Schwabian but he quotes Sioli, Klothi and Mayer as having confirmed his results in Rhenish stock.

The criticism of Kretschmer's work which is to be found in the literature takes two forms, (1) that this grouping is not founded on a sufficiently fundamental biological basis, and (2) that it depends too much on observation and too little on scientific anthropometric methods.

The work of Jaensch (5) who has attempted a grouping on which he considers to be more fundamental grounds, comes under the first heading. In the attempt to find a basis of classification he is guided by the syndromes of Tetany and Basedow's disease. His Type T. depends

on the former and Type B. on the latter. His clinical investigations are complicated, depending on observation of the results obtained by stimulation of nerves both sensory and motor and on various ocular stigmata. The power of copying and of reproducing are also investigated in each type.

He finds the T. type to be slow in response and retentive of impressions while the B. type is quick in response, effortless, and fails to gain lasting impressions. The members of the T. group are described as generally small in stature whereas those in the other group are described as "immer vollkörperlich". The probability that all clinical psychopathic material can be grouped under headings analagous to such very definite entities as exophthalmic goitre and tetany in any way which is scientifically valuable is very doubtful. It is interesting to observe, however, that his types resemble the pyknic and the asthenico-athletic groups very closely. In reference to Kretschmer's work he points out that while many points of contact exist, differences are considerable, and he claims to have based his methods on more fundamental methods of research (p. 395).

The writers whose criticisms may be grouped under the second heading believe in the possibility of differentiating psycho-biological groups by an exact anthropometric index. These indices all attempt a reliable statement of the relation between limb length and the capacity of the body cavities. Thus Naccarati (6) is responsible for the following formula -

$$\frac{\text{Length of arm} + \text{length of leg}}{\text{trunk volume}}$$

Wertheimer and Hesketh (7), whose exhaustive contribution on the subject must be considered in this group of critics, believe this index to be unsound from the anthropometric point of view as well as being unsuitable owing to the difficulty in obtaining the measurements required in psychotic patients. These authors in an investigation of the problem in 65 male patients studied the results obtained from the use of 37 different indices. They rejected all of them and eventually formulated the following by means of which they grouped their material.

$$\text{Index} = \frac{\text{Leg length} \times 10^3}{\text{Transverse chest chamber} \times \text{sagittal chest diameter} \times \text{trunk height}} \times 100$$

They found that this index differentiated the clear cases of pyknic, athletic and asthenic types. A study of their figures indicates considerable overlapping and they admit that mixed types are commonest. They conclude, "in this way it is shown for the first time with exact anthropometric methods that there are no types in the strict sense, but only transitions which probably fit into a normal frequency curve, the extreme forms impressing one as types". They emphasise the importance of recognising the influence of age and growth on the body measurements, and state that "the age displacement of types is an important source of error".

Krisch (8) negatives the idea that there is any relation between physique and psychological tendencies. He bases his argument on theoretical grounds and does not produce any clinical evidence in support of his destructive criticism.

Naccarati and Garrett (9) have published results, based on the index of the former, found in the relations between that index and the result of certain psychological tests on a group of 54 college students. This is an endeavour to apply the theory to the "normal" subject. As has been indicated, doubt is cast on the validity of the index. The chief objection to this paper is the very unconvincing nature of the intelligence tests used. They claim that their results support the proposition that there is a relation between morphology and temperament.

Barrett (10) in a paper reviews the subject of constitution in relation to the symptomatic expression of the various psychoses. He indicates that while this is no new subject, the researches of Kretschmer and other recent work "has given us a little insight into the way in which these factors work, not only in determining psychiatric disorders, but also the average human personality". He qualifies this statement by adding that "Much which has been done in the investigation of somato-psychic correlation has led to theoretical deductions that may not hold after further observations". A paragraph of this paper relates to the conclusions arrived at in this thesis. "We now know," he states, "that many qualities or characters that have been usually

considered as unit factors, such as qualities of body growth, abnormalities of skin and hair, various disorders of metabolism, and probably many others are primarily conditioned through abnormal functioning of body organs. The inherited qualities are those that make possible this abnormal functioning. They are the factors that determine the personal disposition to disease."

E. Miller (11) in a booklet discusses the questions raised by Kretschmer's work from the point of view of physique, endocrinology, the vegetative system and psychology. The work contains little that is original and is chiefly a review of the literature bearing on these aspects of the subject. He emphasises features of the types such as the dysplastic length and angularity in the asthenic, and smallness in the pyknic group which a study of the question indicates are comparatively unimportant. He identifies the pyknic physique with the sympathetico-tonic reaction and a thyro-adrenal dominance and the asthenic physique with a vagotonic and pituitary dominance, or in some cases with a hyper-thymic condition.

His argument concerning the endocrine glands is not clear and is based on work which is by no means generally accepted. He describes dystrophia adiposo-genitalis and acromegaly as resulting from disease of the pituitary, and then goes on to state "there is a striking parallelism between the asthenic physique that we dealt with in our morphological section, and the dysplastic types that are associated with pituitary conditions, and it may be that the asthenic physique is actually a function of some disturbance of the pituitary gland in particular." No conditions more opposed to the typical asthenic physique than acromegaly and dystrophia adiposo-genitalis could be imagined.

A study of the literature appears to justify the following conclusions -

(1) That while doubts are expressed as to the existence of actual biological types, a great majority of authors recognise some relation between physique and temperament.

(2) That the description of these "types" given by Kretschmer is generally accepted as useful.

(3) That only very speculative attempts have been made at an explanation of the cause of this relation. Most of them are based on uncritical endocrinology.

#### OBJECT AND METHOD OF THE PRESENT INVESTIGATION.

The present investigation was undertaken to discover if "types" corresponding to those described by Kretschmer were to be distinguished among the patients in a Mental Hospital in this country. The results of studies along these lines have been published in Germany and America but no records of such a research have appeared in this country.

It was decided to follow, if possible, the methods described by Kretschmer, because they appeared to be most easily applicable from the clinical point of view, and do not depend on elaborately obtained measurements such as the more definitely anthropometric studies demand. The material examined consisted of 100 certified male patients in the London County Council Mental Hospital at Long Grove, Epsom. Male patients were selected because Kretschmer indicates that "the female physique" is far less significant on the average, particularly with regard to the "form of the face and the development of the muscles and fat." Bauer also remarks on this fact in dealing with Sigaud's types. Wertheimer's cases were male and he adds that in very many anthropological studies women were omitted. This is a very significant fact and is the first of many which serve to render doubtful the value or even possibility of an explanation of psychological reaction by the recognition of rigid biological types.

Recent cases and cases of long standing were observed, as were cases of all ages and a variety of occupations. The first 20 cases examined were recent admissions, in many of whom the diagnosis was tentative, in order to obviate the possible influence of the knowledge of the psychological type while experience was obtained in observation and measurement. These 20 cases were investigated according to the larger scheme tabulated by Kretschmer. After experience, however, this was thought to be unnecessary and the remainder of the observations were made according to his shorter "Constitution Scheme."

Having thus obtained experience of method, some selection of cases was made in order to obtain a fair proportion of the different varieties of the biogenic psychoses. The selection was not a personal one as colleagues were asked to submit cases which they considered to be suffering from (1) dementia praecox (2) manic-depressive or affective type of psychosis and (3) what might be described as delusional insanity for want of a better inclusive description. Most of the latter were suffering from paraphrenia. It was requested that no cases with definite organic lesions which might complicate the issue should be submitted. Cases of obvious congenital mental deficiency or suffering from the epilepsies were also excluded.

Very early in the study of these cases the impression was gained that clear-cut types answering to Kretschmer's description were very infrequent. This he himself admits but the extent of the mixing and resulting difficulty in classification in individual cases only becomes apparent when practical trial is made. On turning to his descriptions for assistance, a mass of detail is found which, when sifted, leaves no evidence in favour of the idea that types have been discovered. In order to make this clear, a detailed study of Kretschmer's descriptions follows.

#### KRETSCHMER'S DESCRIPTIONS OF HIS "TYPES".

He states "the 'classic' cases almost free from any mixture, "and endowed with all the essential characteristics of a perfect example "of some form of disease, or a zoological race-type, are more or less "lucky finds, which we cannot produce every day. From this it follows "that our description of types, such as will be found in what follows, "refers not to the most frequent cases, but to ideal cases, to such cases "as bring most clearly to view common characteristics which in the majority "of instances appear only blurred, but which, all the same, can be "empirically demonstrated." In his description of these "ideal types" he gives average measurement figures unsupported by actual details of cases which give an idea of tendencies only, and which for purposes of classifying individuals are not helpful. If the average figure for a measurement is for example 54.8 cm. it is obvious that this might be

arrived at from very different individual measurements.

<u>I. No. of Cases.</u>	<u>Measurement.</u>	<u>II. No. of Cases.</u>	<u>Measurement.</u>
20 .....	55 cm.	30 .....	57 cm.
60 .....	54.8 "	50 .....	55 "
20 .....	54.6 "	20 .....	51 "
Average = 54.8 cm.		Average = 54.8 cm.	

This example indicates how deceptive the average figure is in a case of this kind. In I the variation is slight, in II the variation is considerable, and one gains no information as to the possibility of a measurement of 51 cm. coming into the group.

#### ASTHENIC TYPE.

A table of averages, which for the above reason is not helpful, is given for body, face and skull measurements. He states that Bauer finds most asthenics to be dolichocephalics, but that his investigations show the asthenic skull to be of small circumference.

The variations in the facial appearance which Kretschmer considers possible in this group are given below with quotations indicating his explanation of them.

PROFILE. (1) Angular, (2) Simple long nose. "Only a few of the asthenics show the classical angle profile, for it is not by all of them that the hypoplasia of the jaw in the sagittal axis shows itself so strongly." "The height of the chin need not always be so small." "The nose too does not always spring so strongly forwards, often it is only long, thin." It appears that the angular profile may be found "even in the faces of athletics and dysplastics" and "we find a hint of it in faces of pyknics of advanced age."

FRONTAL OUTLINE. (1) Shortened egg form, (2) Wizen shield shape, (3) Indefinite outline, (4) Pronounced long face with high middle face. The egg shape is described as "particularly due to the smallness of the angles of the jaw which in the case of fuller faces accentuates the lateral contour of the face and also to the lack of fatty upholstering of the cheeks at the sides." "It is also due to the thinness and delicacy of the branches of the lower jaw and the narrowness of the flesh around the mouth which lies between them."

It is important to recognise that Kretschmer realises the influence of the "upholstering" in the formation of appearance. It should be noted also that he describes the occurrence of cases in this group of all variations from lean, through slim muscular, to strong muscular types. In addition to the qualifications of the "classical" type mentioned there appear to be possibilities of variations which are still more perplexing. Kretschmer states "particularly in the schizophrane group do we find isolated stigmata of the various types." These "isolated stigmata" can include the finding of an asthenic head on a pyknic body and vice-versa. Athletic and hypoplastic heads are also found in company with the asthenic body.

Such a confusion of possibilities would suggest that possibly the fundamental basis of the physical appearance of the types had not been recognised. A paragraph which appears to be of more fundamental significance states -

"If we observe the asthenic type over a long period of development, it seems to be fairly constant in its fundamental peculiarities through all ages. Already, as children, these people are often characterised as weakly and frail: at puberty they often rapidly shoot up their narrow forms, and when grown up and in old age they show not the least tendency to inordinate muscle or fat. As peasants they can perform hard bodily labour, and yet they train their muscles, as far as the circumference measurement goes, only a little. They can be nourished on the fat of the land even, eat ravenously, and still remain as thin as they started."

#### ATHLETIC TYPE.

The classical type is "recognised by the strong development of the skeleton, the musculature and also the skin." We find that in this class "the fat is relatively only moderately developed, and, speaking absolutely, is more or less normal. It is on this account above all, that the distinctive muscle relief is conditioned, since the over-developed musculature stands out through only a thin sheath of fat." While the average height is greater than normal "at the other end of the scale the boundary cannot be fixed, because the



"morphological transition stages between the athletic type and the type of hypoplastic broad shoulders cannot be defined." A variant is described in which instead of the slim lower part of the body "all is ugly, massive, clumsy, the skin on the face pasty, while the muscle relief is obscured by a more diffuse development of fat." Variants with features of eunuchoidism and feminism are also described. Such cases are also noticed as occurring in the asthenic group.

The face and skull in this group are described as "characterised by the pronounced trophism of the bones and skin (the muscles play but a very small part here). The development of the fat in the face is not particularly great, and yet I have seen it richly displayed in cases of pasty, spongy, shield-shaped faces, particularly in combination with diffuse disposition of fat about the body in cases of certain dysgenital types." The shape of the back of the skull varies, sometimes steep, sometimes projecting. The profile of the face may be gently curving, or angular or large-nosed. "The general impression is that of a substantial high head. This shape is exactly the opposite of that of the typical pyknic head, which, viewed in profile, with its smooth contour of the top of the head, the well rounded hind portion and rather forward projecting jaw bone, appears larger and lower." We discover in the next paragraph that a shield-shaped face which may occur can only by degrees, through its greater height, be distinguished from the five-cornered pyknic shape. A few shortened egg shapes may also occur in this group.

#### PYKNIC TYPE.

"The pyknic type, in the height of its perfection in middle age, is characterised by the pronounced peripheral development of the body cavities (head, breast and stomach) and a tendency to a distribution of fat about the trunk, with a more graceful construction of the motor apparatus." This type has a "rounded figure, a soft broad face on a short massive neck, sitting between the shoulders; the magnificent fat paunch protrudes from the deep vaulted chest which broadens out towards the lower part of the body." The limbs are described as "soft, rounded, and displaying little muscle relief, or bone relief, skin quite delicate, the hand soft, rather short and wide."

"The pyknics tend emphatically to a covering of fat. And  
 "besides this the manner in which the fat is disposed is characteristic  
 "and must be accurately distinguished, not in comparison with the asthenics  
 "and athletics, which have absolutely no noticeable tendency to fat, so  
 "much as in comparison with certain purely dysplastic special types."  
 This fat may disappear "as a result of strong involution" and "pyknics  
 "not seldom show striking and at times abrupt changes in weight,  
 "particularly in connection with the life periods and the psychotic  
 "changes of place."

He claims that this type is clearly distinguished by the build  
 of the skeleton, especially the skeletal proportions of the skull,  
 face and hand, apart from the overlay of fat, and even by the breast,  
 shoulder and neck proportions, and that an outstanding overlay of fat  
 is not necessary to its diagnosis. He adds that in the majority of  
 young people under 35 to 40 years the compact pyknic overlay of fat is ab-  
 sent. Despite his claim that the skeletal proportions are characteristic,  
 these on his own showing depend largely on changes resulting from the  
 deposition of fat. He refers to "the pyknic fat belly" and the broadening  
 of the lower thoracic aperture "which grows parallel with it."

In the young pyknic none of the changes due to fat have  
 appeared. There is an absence of the neck and shoulder proportions and  
 no kyphosis and no depression of the head is present. There is sufficient  
 fat, however, to make the chest circumference greater on the average  
 than in other types. The measurement of the stomach, which must depend  
 upon fat, as breadth as present in the athletic is not sufficient, is  
 considerably bigger on the average. He admits later that the tendency  
 to fat among young pyknics is more diffuse and is particularly observable  
 in the face and in the smooth modelling of the trunk and extremities  
 which show but little muscle relief. In old age the pot-belly is stated  
 to be still in evidence, but it has often to a certain extent fallen in,  
 so that the chest is not pushed up so much.

FACE AND SKULL.

There is a "tendency to breadth, softness and rotundity. The "overlay of fat is rich: it is mainly concentrated, especially among "old people, on the lower lateral parts of the cheeks, in front on the "angle of the jaw and in the region below the chin." The young pyknic has a "soft, broad face"; but note that the fat has not developed sufficiently to cause the filling in of the angle below the chin. In other words the appearance of the face depends on fat, and this despite the fact that the delineation of the characteristic parts of the face "is in no way blurred." Later on he writes "this impression of a broad "jaw is underlined by the layers of fat on the lateral portion of the jaw "which, when the shape of the jaw itself is not distinctively pyknic, "makes the five cornered shape full. It is on this account often clearer "with older people than younger."

Again "the full five-cornered shape of the front face circumference does not always come out clearly. We see far more usually simple, "soft, broad, round faces." In short their appearance is largely due to subcutaneous padding.

Although "only true of a small number" Kretschmer states that longish, oval-shaped faces, temporarily longer necks, narrower build: or on the contrary, athletic musculature may occur in young pyknics, "while "as time goes on such foreign elements can be quite overgrown by the "typical pyknic fat deposits, and the characteristic displacement in the "proportion of the neck and shoulder."

The foregoing discussion gives considerable support to the view adopted here that the essential feature of this group is the tendency to the development of fat.

THE METHOD OF GROUPING ADOPTED.

In view of the apparent diversity of individual features indicated and the resulting difficulty experienced in classification of the material studied, a simplified basis of classification was adopted. The most constant features which emerge from the descriptions given by Kretschmer are the presence or absence of fat, muscularity or leanness.

The cases observed were accordingly grouped as follows:-

- GROUP A. Cases showing a distribution of fat of the "pyknic" type.
- GROUP B. Cases showing well marked muscular development.
- GROUP C. Cases characterised by the absence of either fat or muscularity.
- GROUP D. Cases which did not clearly belong to any of the three groups indicated.

#### A DESCRIPTION OF THE GROUPS.

The visual impressions of the cases in the groups thus obtained are described in the sections which follow. The measurements obtained will be compared later in tabular form.

##### GROUP A. 28 Cases.

AGE. The ages of this group varied from 41 to 80 years. The age of the youngest clear case bears out Kretschmer's observations on the subject, and Wertheimer and Bauer report similar findings.

WEIGHT-HEIGHT RELATION. In 20 of the cases the last two figures of the height measurement in centimetres were equalled or surpassed by the figure representing the weight in kilos. This is a feature on which Kretschmer places considerable stress. Of the remaining 8, two were in an acute phase and their records indicated that they could at one time have come under this category. Six had never exhibited such a relation.

FACE AND SKULL. The preponderance of the cases gave a broad frontal impression. In two only was definite narrowness observable. The height of the mid-face showed considerable variation, and in accordance with this the appearance obtained varied from long to short shield shapes, two only giving a definitely oval form. The profile was observed as presenting a definitely prominent nose in two cases. The length and shape of the nose varied considerably, and as will be seen, this was found to be true in all the groups. Two of the noses observed had a tendency to rhinophyma. The profile generally presented a sloping forehead with the part of the face inferior to the nose in advance of the upper part. This feature appeared to be largely due to the presence of a moderate supply of fat filling out the region of mouth and chin.

PHYSIQUE. The bony development of this group gave no distinctive features for comment. In the majority of instances the bones are noted as of medium size.

The musculature varied from poor to good, but no case was included which showed the muscular definition which formed the basis for the next group. With one exception all the cases gave visual evidence of fat distribution of the type described by Kretschmer as "pyknic". The one exception was a case who was examined following a prolonged bout of motor excitement and had been confined to bed for some months. He was included in this group as his record indicated quite clearly that the disposition of fat had been present. The remainder had an obesity of the abdomen and lower chest which was accompanied in the majority by accumulations of fat at the angle of the jaw and beneath the chin. The word "accumulation" indicates very clearly the visual impression, for while the body generally was well padded the limbs did not show a degree of fatness comparable with the special sites mentioned. In some cases the hips shared in the accumulation.

The fat then was a feature of the general body make-up sufficient in extent to influence the circumferential measurements but especially those of the trunk. None of the cases could be described as generally obese and "flabby", as is the case for example in the definitely pathological obesity associated with Frölich's syndrome. In the older cases, when involution changes were taking place, folds of skin were noted in some of the positions which were the site of fat accumulations in other cases. This was seen especially in the neck.

The shoulders varied in breadth but in the majority were rather sloping, with a forward tendency in the deltoid region. The chest gave the characteristic appearance of depth towards the lower part, and while the skeletal portion of the thorax was undoubtedly involved in this appearance, the visual impression in many cases depended chiefly on the fat accumulation in the region of the breasts and the gradual continuance of the outline into the still more prominent abdomen. This continuity of the outline of chest and abdomen is one of the distinctive features of this "type", and is very different from the relatively prominent

abdomen found in Group C. In the latter group the prominence is due to lack of tone in the abdominal muscles and suggests enteroptosis.

While the extremities varied in the amount of fat present, they also varied in the degree of musculature, but it was a common occurrence to find legs that could be described as "sturdy" on account of the degree of muscular development. This was not so noticeable in regard to the arms. The hands were, for the most part, short and broad with thick fingers.

It will be seen from this description that although the cases were selected solely on account of a tendency to fat disposition, nevertheless the other features corresponded very closely with those given by Kretschmer for his pyknic group. This appears to support the suggestion that the essential feature of the pyknic group is the tendency to fat accumulation.

The completed constitution schemes for the 28 cases comprising this group follow, accompanied by a short extract from the clinical history of each case.

The cases are identified by, and arranged according to the numerical sequence of their hospital registration numbers.

The weight is in kilos, and the measurements of length in centimetres.

No. 433

Profession - Labourer

Age - 57

Diagnosis - Syntonio (Manic-depressive)

Height: 167.64 cms.

Weight: 52.6 Kilos.

1921: 76.2 Kilos.

MEASUREMENT.SKULL:

Horiz. Circum: 58  
 Sag: Diameter: 20  
 Frontal " 15.5  
 Vertical " 20  
 Height of Face: 7  
 Breadth " " 11.5/11  
 Length " Nose 5.5

Circumference: Chest: 89.6  
 Stomach: 74.5  
 Hips: 84.3  
 Forearm: 23.5  
 Hand: 20.3  
 Calf: 30  
Length: Legs 85  
Breadth: Arms 75.2  
 Shoulder 39  
 Pelvis: 32

FACE & SKULL.

Shape of Head: Broad - low  
 Medium height

Frontal: Broad shield-shaped.

Profile: Sloping forehead.  
 Lower part of  
 face in advance.

Height  
 proportion: Middle face: 7  
 Chin: 4  
 Nose: Straight - not pronounced.

Description: "Pyknic"

PHYSIQUE.

Bones: Medium

Stomach: Not prominent (see above)

Musculature: Fair

Pelvis: Medium.

Fat: Medium covering.  
 (see special reference  
 to this case)

Neck: Medium thickness.

Extremities: Thin.

Shoulders: Broad - standing  
 out.

Hands: Broad, coarse fingers.

Chest: Medium breadth  
 and length.

Feet: Broad.

Description: Not typical fat distribution but this is probably due to  
 emaciation following prolonged excitement. cf. weight 1921.

HAIR.

Head hair: Grey - no baldness.

Trunk: Hairy up to Xiphisternum.  
 Few on breast. Patch over  
 sacrum.

Brows: Bushy.

Beard: Average.

Arms: Forearms hairy.

Pubes: Hairy.

Legs: Hairy.

Armpits: Medium.

Description: Secondary hair rather strong for typical "pyknic".

No. 433.

ADMITTED: 2nd. September, 1907. Age: 38. Single.

Stated to have been liable to attacks of violence, especially against the police and people in authority from early youth. He had been in prison on 20 occasions for assault.

Since admission he has had frequent recurrences of maniacal attacks, during which he attacked the staff, and was noisy and overactive. He has had depressed phases, during which he was solitary and lost all interest in his surroundings.

In February 1921 his weight = 76.2 kilos but has gradually fallen off since in association with increasingly prolonged attacks of over-activity and impulsiveness accompanied by progressive dementia.



No: 793

Profession: Milk carrier.

Age: 62

Diagnosis: (Paraphrenia)  
Recurrent phases of excitement.

Height: 168.9

Weight: 72.1

MEASUREMENT.SKULL.

Horiz. Circum: 56.4  
 Sag. Diameter: 19.8  
 Frontal " 15.6  
 Vertical:" 20.5  
 Height of Face: 7.5  
 Breadth " " 12/10.6  
 Length of Nose: 5.7

Circumference: Chest: 98.6  
 Stomach: 93.5  
 Hips: 95.7  
 Forearm: 26.8  
 Hand: 21.5  
 Calf: 32.2

Length: Legs: 82.5 Arms: 70  
Breadth: Shoulder: 42.6  
 Pelvis: 30

FACE & SKULL.

Shape of Head: Medium height  
and breath.

Frontal: Shield-shaped

Profile: Straight.

Height  
 proportion: Middle face 7.5  
 Chin: 5.

Description: "Pyknic."

Nose: Straight - blunt.

PHYSIQUE.

Bones: Medium.

Stomach: Prominent, obese.

Musculature: Fair.

Pelvis: Narrow compared with  
shoulders.

Fat: On chin, breasts & abdomen.

Extremities: Fair development  
 of arms. Legs rather  
 poor.

Neck: Short, thick.

Shoulders: Sloping but broad.

Hands: Broad, coarse fingers.

Chest: Deep, broad.

Feet. Broad.

Description: "Pyknic".

HAIR.

Head hair: Grey. Bald on vertex.

Trunk: A few on breasts.

Brows: Weak, especially outer edges.

Beard: Medium.

Arms: Few on forearm.

Pubes: Weak.

Armpits: Weak.

Legs: Medium.

Description: - -

No. 793.

ADMITTED: 20th. November, 1907. Age: 43. Married.

Was first certified June 1894. (Age 30).

He was disorientated for time. Stated that he was in Portland prison for "insubordination" and while there attempted to hang himself. States that they tried to kill him in another mental hospital because they thought he was an "instinct." He "carries his cross inside him".

1908. Very changeable. At one time obstinate, morose and unemployed - at others quiet and working well. Frequent auditory hallucinations.

1916. Can give no connected account of himself and talks incoherently of his persecutions. At times actively hallucinated and is then dangerously violent.

1921. Imagines others talk about him and is often abusive and violent. Grandiose in manner, claims to be the builder of this institution.

1926. Distinctly euphoric - talks in an incoherent fashion. He has many mannerisms and remains grandiose. Claims to be an "Almighty Army".

No. 1683.

Age: 79.

Profession: Carpenter.

Diagnosis: Syntonic.

Height: 167.6

Weight: 64.8

MEASUREMENT.SKULL.

Horiz. Circum: 55.7  
 Sag. Diameter: 18.6  
 Frontal " 14.9  
 Vertical " 21  
 Height of Face: 8  
 Breadth " " 11.8/10  
 Length " Nose: 5.1

Circumference: Chest: 90.4  
 Stomach: 88  
 Hips: 95.4  
 Forearm: 24  
 Hand: 21.2  
 Calf: 31  
Length: Legs; 83.4 Arms: 73.2  
Breadth: Shoulder: 39  
 Pelvis: 32

FACE & SKULL.

Shape of Head: Medium Breadth  
and height.

Frontal: Long egg shape.

Profile: Arched. Nose beaklike.

Height Middle face 8  
proportion... Chin: 4

Description: Asthenic, possibly  
the result of involu-  
tutionary changes.

Nose: Small but beak-like and  
rather prominent.

PHYSIQUE.

Bones: Medium.

Stomach: Prominent, "flabby"  
redundant skin.

Musculature: Poor.  
 Not marked on face

Pelvis: Medium.

Fat: Present on chest,  
 abdomen and hips.

Extremities: Thin.

Neck: Thin, heavy folds of skin.

Hands: Broad, coarse fingers.

Shoulders: Medium - sloping.

Feet: Medium.

Chest: Medium depth and breadth.

~~Note folds of skin on~~

Description: Pyknic fat distribution.  
back and abdomen.

Note folds of skin on

HAIR.

Head hair. Grey. Bald on vertex.

Trunk: A few round nipples.

Brows: Absent (senile change ?)

Beard: Medium.

Arms: Weak.

Pubes: Weak.

Armpits: Absent.

Legs: Almost absent.

Description: Senile changes.

Some varicosity of veins of legs.

Cardio-vascular degeneration.

No. 1683.

ADMITTED: 29th. December, 1908. Age: 61.

Markedly depressed - self-centred - apprehensive. He has auditory and visual hallucinations. Admits to having suicidal promptings. Takes no interest in his surroundings, is emotional and self-accusatory. He admits that for the last 20 years he has taken alcohol to excess and had "too much about once a week."

FEBRUARY 1909. Still somewhat tremulous but cheerful and able to work in carpenters' shop.

JUNE 1909. Discharged recovered.

READMITTED 14th. AUGUST 1909.

Was unable to get work and lived under conditions of privation. Complained of insomnia and fiendish noises in his head. Dull and depressed. Evidence of cardio-vascular degeneration.

MARCH 1910. Again working in carpenter's shop.

JULY 1921. Dull, depressed, easily agitated. At times his depression becomes more acute. Has little initiative and realises he could not stand the strain of competitive existence.

JULY 1926. Some dementia present.÷ rather feeble minded and lacking in confidence - amnesic - at times he becomes mildly depressed and agitated.

Advanced cardio-vascular degeneration.

Thickened arteries. Cardiac arrhythmia.

No. 2477.Age: 72.

Profession: Stonemason.

Diagnosis: Syntonic (Manic-  
(Depressive)).

Height: 154.9

Weight: 78.9

MEASUREMENT.SKULL.

Horiz. Circum: 54.9  
 Sag: Diameter: 18.9  
 Frontal " 14.5  
 Vertical " 19.5  
 Height of Face: 6.7  
 Breadth " " 11/9.9  
 Length of Nose: 4.4

Circumference: Chest: 104  
 Stomach: 106  
 Hips: 102  
 Forearm: 25.3  
 Hand: 20  
 Calf: 34  
 Length: Legs: 77.7 Arms: 73  
 Breadth: Shoulder: 37.6  
 Pelvis: 32

FACE & SKULL.

Shape of Head: Broad. Low.  
 Rounded but not  
 prominent occiput.

Frontal: Shield-shaped.Profile: Straight.

Height  
 proportion: Middle face: 6.7  
 Chin: 4

Description: ? dysplastic -  
 short mid face and very small  
 nose.

Nose: Straight, small, not  
 prominent.

PHYSIQUE.

Bones: Small.

Stomach: Prominent, obese

Musculature: "Flabby".

Pelvis: Medium.

Fat: Under chin and on abdomen,  
 breasts and hips.

Extremities: Fair.

Neck: Short, thick.

Hands: Broad, broad fingers.

Shoulders: Sloping forwards.

Chest: Deep.

Feet: Broad.

Description: Pyknic distribution of fat.HAIR.

Head hair: Grey. Bald on vertex.

Trunk: Absent.

Brows: Bushy.

Beard: Medium.

Arms: Weak.

Pubes: Medium.

Armpits: Weak.

Legs: Absent.

Description: Senile loss of hair.

Arteries thickened.

No. 2477.

ADMITTED: 14th. June 1910.      Age: 56.      Married.

Restless, noisy and excited - flight of ideas and inaccessible.

JULY.      Improved and well behaved - amnesia for period of mania.

SEPTEMBER 1911.      Gained 1 st. 3 lbs. since admission. (Weight 9 stone on admission).      Discharged: Recovered.

READMITTED: 8th. May, 1912.      Weight 10.10.

Foolish and exalted and disorientated. Thinks he must have thought he was the Devil, and admits having been very excited.

Has recovered and relapsed at intervals, and in acute phase is sometimes violent.

Has phases when he is depressed and apathetic.

He has a son suffering from dementia praecox, another from melancholia and a daughter is an epileptic.

No. 2708.

Profession: General Dealer.

Age: 66.

Diagnosis: Syntonic (Alcohol).

Height: 166.37  
Weight: 78.46MEASUREMENT.SKULL:

Horiz. Circum: 56  
 Sag. Diameter: 19.5  
 Frontal " 14.5  
 Vertical " 20  
 Height of Face: 7.5  
 Breadth " " 12/11  
 Length of Nose: 6

Circumference: Chest: 101  
 Stomach: 104  
 Hips: 98.5  
 Forearm: 26  
 Hand: 21  
 Calf: 35.6  
Length: Legs: 83.7 Arms: 74.2  
Breadth: Shoulder: 42.5  
 Pelvis: 31

FACE & SKULL.

Shape of Head: Broad, Medium,  
 height. Occiput rounded but  
 not markedly projecting.

Frontal: Five-cornered

Profile: Straight but for  
 bulbous nose.  
 Flat angled jaw.

Height proportion. Middle face: 7.5  
 Chin: 4

Description: "Pyknic."

Nose: Rhinophyma.

PHYSIQUE.

Bones: Medium.

Stomach: Prominent, Obese.

Musculature: Fair, not defined.

Pelvis: Medium breadth.

Fat: Angles of jaw, neck, breasts,  
 abdomen, hips.

Extremities: Medium.

Neck: Short, thick.

Hands: Broad.

Shoulders: Broad, forward projecting.

Feet: Short, broad.

Chest: Medium depth. Broad.

Description: "Pyknic".HAIR.

Head hair: Grey, slight baldness.

Trunk: Some over sternum and  
 round nipples. Slight  
 down to pubes. Scattered  
 on back.

Brows: Medium.

Beard: Medium.

Arms: Weak on forearms.

Pubes: Medium.

Armpits: Medium.

Legs: Weak.

Description. "Pyknic" physique.

No. 2708.

ADMITTED: 2nd. January, 1911. Single. Age 51.

Loquacious, rambling and contradictory. Claims to have £205, and later £2,500. Many schemes and says his business is growing rapidly. Becomes threatening at times. Habits clean.

1st. SEPTEMBER. Discharged recovered.

READMITTED 1st. MARCH 1913.

Suffering from Recurrent Mania - admits it was brought on by Brandy drinking. Garrulous, exalted, boastful and intolerant of discipline.

JUNE 29th. Improved.

FEBRUARY 1914. On trial, but relapsed as result of drink.

1917. Dull and lacking in aims and desires, minimises his breakdowns and tends to hypochondria.

1920. Dull, slow, self-satisfied. Facile and childish.

3. 9. 26. Quiet and well balanced but dull and unambitious.  
Working in mess-room.

No marked weight changes recorded.



No. 2774.

Profession: Coachman.

Age: 80.

Diagnosis: Syntonic.

Height: 167.6

Weight: 71.6

MEASUREMENT.SKULL.

Horiz. Circum: 56.6  
 Sag. Diameter: 19  
 Frontal " 18.2  
 Vertical " 19  
 Height of Face: 7.5  
 Breadth " " 10/10  
 Length of Nose 6

Circumference: Chest: 90.6  
 Stomach: 84.6  
 Hips: 93  
 Forearm: 24.5  
 Hand: 21  
 Calf: 30.9

Length: Legs: 83.7 Arms: 73  
Breadth: Shoulder: 39.5  
 Pelvis: 31

FACE & SKULL.

Shape of Head: Broad,  
 well "domed". Occiput  
 not prominent.

Frontal: Shield-shaped.

Profile: Slightly curved  
 but nose not very prominent.

Height  
 proportion. Middle face: 7.5  
 Chin: 4.5

Description: Pyknic.

Nose: Rather sharp, slight  
 curve, beak-like.

PHYSIQUE.

Bones: Medium.

Stomach: Prominent. Compact fat.  
 Poor muscle tone.

Musculature: Fair.

Pelvis: Medium.

Fat: Under chin, abdomen, breasts.

Extremities: Fair development.

Neck: Short, thick,  
 folds of skin.

Hands: Broad. Loose skin.

Shoulders: Forward sloping.

Feet: Medium.

Chest: Medium width &amp; depth.

Description. Pyknic. Note folds of skin on neck and hands.HAIR.

Head hair: White. Bald on vertex.

Trunk: Few on sternum,  
 otherwise nil.

Brows: Weak at outer ends.

Beard: Average.

Arms: Very few.

Pubes: Long.

Armpits: Weak.

Legs: Nil.

Description: Secondary hair weak, owing to senile changes.

Full pulse.

No. 2774.

~~DIXON, William Anthony.~~

ADMITTED: 24th. May, 1913. Married. Age 67.

Stated by wife to have been peculiar at intervals of 3 months.  
Had a mental attack after sunstroke in 1876.

Admitted in condition of acute excitement - hallucinated and confused. In a few days became quieter but was confused about recent events. Complained of persecution by people outside who were abusive to him and threw "ether" on him.

21st. JUNE. Loosing ideas but remains exuberantly grateful for treatment. Rather childish and fatuous.

JANUARY, 1914. Recurrence of maniacal attack with hallucinations and delusions of persecution - this time by the Staff.

NOVEMBER 1914. Another attack of mania.

1922. Occasional bursts of excitement occur but signs of dementia supervening. Childish and over-pleased.

1927. Has continued with periodic outbursts of excitement since. He is at present garrulous and apt to become noisy. Easily upset by trifles and admits that he has a "hot temper", but asks to be forgiven for anything he may have said.

Some variation in weight coinciding with acute phases.

No. 2849.

Age: 63.

Profession: Bath attendant.

Diagnosis: Syntonic (Alcohol).

Height: 160.

Weight: 85.7

MEASUREMENT.SKULL.

Horiz. Circum: 56.2  
 Sag. Diameter: 18.5  
 Frontal " 14.9  
 Vertical " 18.5  
 Height of Face: 7.5  
 Breadth " " 12/11  
 Length of Nose: 5

Circumference: Chest: 96.6  
 Stomach: 93.8  
 Hips: 91.6  
 Forearm: 27  
 Hand: 21.6  
 Calf: 36

Length: Legs: 84.8 Arms: 74.5  
Breadth: Shoulder: 40.2  
 Pelvis: 20.

FACE & SKULL.

Shape of Head: Broad, low  
 forehead. Occiput rounded.

Profile: Straight.

Description: "Pyknic".  
 Dysplastic nose.

Frontal: Broad, shield-shaped.

Height  
 proportion: Middle face: 7.5  
 Chin: 4.2

Nose: Small dysplastic,  
 Not prominent.

PHYSIQUE.

Bones: Medium.

Musculature: Fair - not well  
 defined.

Fat: Jaw, neck, breasts and  
 abdomen, fair on limbs.

Neck: Short, thick.

Shoulders: Broad - rather  
 forward projecting.

Chest: Medium depth.

Description: "Pyknic".

Stomach: Prominent - obese.

Pelvis: Medium.

Extremities: Fair size, but  
 not coarse.

Hands: Broad - large.

Feet: Long.

HAIR.

Head hair: Grey, bald on vertex.

Brows: Medium.

Beard: Medium.

Pubes: Weak.

Armpits: Nil.

Trunk: A few round nipples.

Arms: Weak.

Legs: Weak.

Description:

No. 2849.

ADMITTED: 29th. March, 1910. Age 47. Married.

Previously in Banstead Mental Hospital.

Rather confused - remembers claiming to be the son of God.  
Definite alcoholic history.

Improved rapidly.

OCTOBER 14th. Discharged recovered.

READMITTED 24th. September, 1913.

Garrulous, exalted and self satisfied without insight.  
Fabricates freely. Restless at night - complains of being sworn at  
and followed by two men.

1917. Primary dementia due to alcohol.

Higher faculties are blunted and memory defective. Denies  
former delusions and hallucinations.

1920. Facile and childish - employs himself.

1927. There has been no change in his mental condition.  
Signs of cardio-vascular degeneration. No marked weight change.

No. 3230.

Profession: Salesman.

Age: 52

Diagnosis: Dementia Paranoides.

Height: 175.8

Weight: 68

MEASUREMENT.SKULL:

Horiz. Circum: 56.3  
 Sag. Diameter: 18.7  
 Frontal " 15.5  
 Vertical " 21  
 Height of Face: 6.5  
 Breadth " " 11/9.5  
 Length of Nose: 5.4

Circumference: Chest: 91.8  
 Stomach: 82  
 Hips: 91.5  
 Forearm: 24.5  
 Hand: 19.3  
 Calf: 33.5

Length: Legs: 91.5 Arms: 77  
Breadth: Shoulder: 36.5  
 Pelvis: 30

FACE & SKULL.

Shape of Head: Medium  
 length and height.

Frontal: Medium, egg-shaped.Profile: Almost straight.

Height  
Proportion: Middle face: 6.5  
 Chin: 4.5

Nose: Straight, not unduly prominent.

Description: Note "asthenic" egg-shape, but absence of  
 angular or even "long nose" profile.

PHYSIQUE.

Bones: Medium.

Stomach: Obese. Prominent.

Musculature: Medium.

Pelvis: Broad.

Fat: Abdomen and round hips.  
 Not on face.

Extremities: Genu valgus.

Neck: Long, thin.

Hands: Congested - small.

Shoulders: Narrow - sloping.

Feet: Broad - congested.  
 Hallux varus.

Chest: Prominent sternum -  
 rather narrow.

Description: "Pyknic" fat  
 distribution.

HAIR.

Head hair: Grey, thick.

Trunk: Nil.

Brows: Thin.

Beard: Medium.

Arms: Few on forearms.

Pubes: Feminine distribution.

Armpits: Weak.

Legs: Weak.

Description: Small testicles. Operation for appendicitis in 1912.

No. 3230.

ADMITTED: 14th. August, 1915. Single. Age 40.

He declared that a machine had been put on him by two men and their associates to prepare him for the 2nd. life. This he says is the second treatment he has undergone. Half way through the treatment, however, he left Rhodesia where he was, and so they tried to destroy him by cutting his inside up. He can hear people's voices and tell their thoughts by means of this machine on him. Also admits strange smells and tastes but states he is better now as he is undergoing a reverse treatment.

1927. Has gradually become much more incoherent but retains a general persecuted mood. His conversation refers to such things as "Magic Suns" and "Female Supreme Socialists". Always very resistive to examination. Quite unemployed.

(Was treated for 2nd<sup>y</sup> syphilis (Rupia? and lesion of cord) in 1922. Wassermann now negative).

No. 3670.

Age: 77

Profession: Ex-policeman.

Diagnosis: Syntonic (Melancholia).

Height: 173.9

Weight: 73.9

MEASUREMENT.SKULL.

Horiz. Circum: 59  
 Sag. Diameter: 20.2  
 Frontal " 16  
 Vertical " 20  
 Height of Face: 8  
 Breadth " " 12/10.9  
 Length of Nose: 5.6

CIRCUMFERENCE: Chest: 97.5  
 Stomach: 95.3  
 Hips: 95.3  
 Forearm: 25.4  
 Hand: 20.5  
 Calf: 32.2  
 Length: Legs: 86.8 Arms: 82.5  
 Breadth: Shoulder: 43  
 Pelvis: 32.5

FACE & SKULL.Shape of Head: Broad.

Frontal: Shield-shaped  
 Beard disguises lower contours.

Profile: Sloping forehead  
 Chin in advance of upper face.

Height  
 proportion: Middle face: 8  
 Chin: 4

Description. "Pyknic".

Nose: Small, straight, not prominent.

PHYSIQUE.

Bones: Large.

Stomach: Prominent - obese.

Musculature: Medium.

Pelvis: Broad.

Fat: Slight on lower jaw,  
 Marked on breast,  
 abdomen and hips.

Extremities: Medium development -  
 not in keeping with shoulder  
 breadth.

Neck: Short, broad (Folds of skin)

Hands: Broad. Thick fingers.

Shoulders: Broad.

Feet: Broad.

Chest: Broad - deep.

Description: Shoulder development exceptional.HAIR.

Head hair. Grey. Bald on vertex.

Trunk: A few round nipples over  
 sternum.  
 Fair up middle line of  
 abdomen.

Brows: Medium - weak outer end.

Beard: Average.

Arms: Medium.

Pubes: Strong growth.

Armpits: Weak.

Legs: Weak.

Description: Some cyanosis of legs and feet.

No. 3670.

ADMITTED: 25th. October, 1917. Age 58. Married.

Stated to have been a patient in Gloucester 10 years ago.

Very depressed and self-depreciatory. States that he is going dead. Should never have been born - he has a baby's hands and head and limbs - his inside is wasted, much introverted.

1921. Lacks energy and interest, solitary and unsociable. Aske that he may not be made to face the outside world again. Not much change since admission.

1923. Dementia supervening - aware of his position and content with it, as he is lacking in self-confidence. Hypochondriachal ideas.

Arterio-sclerosis and occasional swelling of feet.

1926. No change.

Wt. 8 st. 6 on admission, but rose steadily until it reached 11.1 in April 1920.

Owing to bronchitis fell to 9.13 April 1921, has gained since and from February 1923 has been between 11 and 12 stone.



No. 3707.

Profession: Ex-soldier.

Age 51.

Diagnosis: Syntonic. Manic-depressive.

Height: 171.45

Weight: 71.21

MEASUREMENT.SKULL.

Horiz. Circum: 56.5  
 Sag. Diameter: 19.5  
 Frontal " 15  
 Vertical " 20.1  
 Height of Face: 6.5  
 Breadth " " 13/10.5  
 Length of Nose: 5.5

CIRCUMFERENCE: Chest: 94  
 Stomach: 90  
 Hips: 93.7  
 Forearm: 27.3  
 Hand: 22.5  
 Calf: 34.4

Length: Legs: 87.4 Arms: 72  
Breadth: Shoulder: 37  
 Pelvis: 29.2

FACE & SKULL.

Shape of Head: Broad, rather flat. Frontal: Broad.  
 Occiput prominent. Short mid-face & chin.

Profile: Sloping forehead. Height  
 Chin prominent. proportion: Middle face: 6.5  
 Chin: 4

Description: Nose: Rather depressed and small.

Dysplastic feature in short mid-face and undue breadth.

PHYSIQUE.

Bones: Large. Stomach: Prominent, obese, "flabby"  
 Musculature: Good. Pelvis: Medium.  
 Fat: On chin, abdomen and breasts. Extremities: Fair musculature.  
 Neck: Short and thick. Hands: Broad - thick fingers.  
 Shoulders: Sloping - narrow for height. Feet: Large - rather long.  
 Chest: Medium breadth - good depth.

Description: "Pyknic".

HAIR.

Head hair: Brown. Straight. Trunk: Strong.  
 Brows: Bushy. Arms: Fair.  
 Beard: Medium. Legs: Fair.  
 Pubes: Thick.  
 Armpits: Medium.

Description: Strong secondary hair on abdomen.

Kretschmer considers this to be unusual in "pyknics".

No. 3707.

ADMITTED: 15th. April, 1915. Age 40. Single.

Very loquacious and self-righteous - rather disconnected in his account of himself. Has been in the Army and several times in the hands of the police. Noisy - obscene and over-active.

MARCH 1916. Has become quieter and developing insight.  
Employed. Admits alcoholic excess.

JULY 1917. Discharged recovered.

READMITTED: March 1918.

Overactive and noisy, abusive, truculent. Self-satisfied.

1919. Settling down again.

1922. Short attack of more marked excitement.

1923. Similar attack, but more prolonged. Was noisy and aggressive.

1924. Maniacal attack. Remained in acute ward till June 1925 with exacerbations.

1927. Has improved since and is now quiet and well-behaved.  
Working well on the farm and in a villa.

WEIGHT. Fell to 10.2 during acute period 1923 and 1924;  
has gained since improvement.

No. 3708.

Age 61.

Profession: Commercial Traveller.

Diagnosis: Syntonic. (Manic-depressive).

Height: 165.1

Weight: 66.6

MEASUREMENT.SKULL.

Horiz. Circum: 58  
 Sag. Diameter: 20.5  
 Frontal " 14.9  
 Vertical " 20.8  
 Height of Face: 8  
 Breadth " " 11.5/10  
 Length of Nose: 5.5

CIRCUMFERENCE. Chest: 91.7  
 Stomach: 85.7  
 Hips: 90.5  
 Forearm: 25.4  
 Hand: 20.5  
 Calf: 34.3

Length: Legs: 84 Arms: 73.5  
Breadth: Shoulder: 41.6  
 Pelvis: 28

FACE & SKULL.

Shape of Head: Broad.  
 Medium height and rather long.

Frontal: Long shield-shaped.

Profile: Curved. Jaw in front  
 of forehead. Rather prominent  
 mouth.

Height proportion: Middle face: 8  
 Chin: 5

Description: Same tendency to prognathous.

Nose: Straight,  
 not prominent.

PHYSIQUE.

Bones: Medium.

Stomach: Prominent - obese.

Musculature: Fair.

Pelvis: Medium.

Fat: Slight angles of jaw,  
 on abdomen and breasts.

Extremities: Legs "sturdy",  
 Arms medium.

Neck: Thick.

Hands: Broad, thick fingers.

Shoulders: Broad, good trapezius. Feet: Broad.

Chest: Broad - medium depth.

Description: Breadth of shoulders - fair muscular definition with out-  
 standing trapezius muscle + development of jaw suggest  
 athletic. Typical pyknic fat.

HAIR.

Head hair: Grey.

Trunk: Strong.

Brows: Weak, especially  
 outer end.

Arms: Strong.

Beard: Medium.

Legs: Strong.

Pubes: Thick.

Armpits: Strong.

Description: Markedly hairy - rendering his claim to be classed as  
 "pyknic doubtful".

There is no doubt when the fat development alone is  
 considered.

No. 3708.

ADMITTED: 13th. March 1918. Age 47. Married.

Admits having been in Bethlem Mental Hospital. Self-assertive and exalted - at times truculent and abusive. Suspicious towards his wife whom he believes is living with another man.

MAY 1918. Improved.

JUNE. Discharged to workhouse recovered, as his wife would not come for him.

READMITTED: 22nd. March 1923. Age 52.

Had been in Berks County Hospital and Claybury Mental Hospital since leaving. Feels depressed, restless and unsettled, worried by trifles and hopeless about his future. Admits auditory hallucinations, the voices of unseen people inviting him to take his life, and admits contemplating this course.

APRIL. In an excited maniacal state - voluble and garrulous. He believes other patients conspire against him and are hostile towards him. Faulty in habits. Attacked staff.

19.5.23. Querulous, dissatisfied and unreasonable - threatening to Staff. Remained in an unsettled quarrelsome state until 18.7.23, when improvement was reported.

1.9.23. Quiet and well-behaved - working well.

8.9.24. Maniacal symptoms.

23.9.24. Improved.

3.11.24. Relapse.

17.12.24. Improved. Work on farm.

8.6.25. Relapse.

27.9.25. Improved.

17.2.26. Relapse.

20.4.26. Improved.

At present is a quiet phase - dull and rather solitary. Is unemployed.

WEIGHT. On admission 9 st. 7 lbs.

November 1923: 10 st. 8 lbs.

" 1924: 8 " 12 "

March 1925: 10 " 3 "

August 1925: 8 st. 12 lbs.

January 1926: 10 " 3 "

May 1926: 8 " 10 "

January 1927: 10 " 7 "

No. 3757.

Profession: Labourer.

Age: 58.

Diagnosis: Syntonic (Manic-depressive).

MEASUREMENT.Height: 165.1  
Weight: 66.6SKULL.

Horiz. Circum: 53.7  
 Sag. Diameter: 18.5.  
 Frontal " 14.8  
 Vertical " 19  
 Height of Face: 7.5  
 Breadth " " 10.6/10  
 Length of Nose: 5.2

CIRCUMFERENCE: Chest: 96  
 Stomach: 88  
 Hips: 90  
 Forearm: 25.5  
 Hand: 19.6  
 Calf: 32.3

Length: Legs: 87.1 Arms: 72.5  
 Breadth: Shoulder: 38.5  
 Pelvis: 29

FACE & SKULL.

Shape of Head: Medium breadth.  
 Rather low, well rounded occiput.

Frontal: Long - shield-shaped.

Profile: Weakly arched,  
 sloping forehead,  
 Nose prominent.

Height  
Proportion: Middle face: 7.5  
 Chin: 4.5

Description: A long nose -  
 weakly arched profile.

Nose: Straight, Prominent,  
 Sharp-pointed.

PHYSIQUE.

Bones: Small.

Stomach: Prominent, obese.

Musculature: Poor.

Pelvis: Medium.

Fat: On breasts and abdomen.

Extremities: Genu valgum.  
 Moderate development.

Neck: Thick. Medium length.

Hands: Broad, broad fingers.

Shoulders: Sloping -  
 narrow for size.

Feet: Large, long.

Chest: Fair Depth.

Description: Fat development.HAIR.

Head hair: Grey.

Trunk: Few round nipples and on  
 sternum, elsewhere nil.

Brows: Medium.

Beard: Medium.

Arms: Medium.

Pubes: Medium.

Legs: Nil.

Armpits: Medium.

Description: Varicose veins on legs.

No. 3757.

ADMITTED: 20th. May, 1908. Age 40. Married.

Acute mania. Constantly talking and exhibiting marked flight of ideas. Overactive - smeared his side room with faeces.

OCTOBER. Has considerably improved.

NOVEMBER 28th. Discharged recovered.

JUNE 1916. READMITTED. Garrulous and exalted. Evidently hallucinated, wonderful secrets being revealed to him by voices.

JULY. Has got rid of most of his foolish ideas.

DECEMBER. Discharged recovered.

MAY, 1918. READMITTED: Exalted and garrulous - marked flight of ideas. Overaction and hallucinated.

Settled down somewhat but remained in hypomaniacal state and had periods when he had exacerbations of excitement and became aggressive and violent.

1927. A quiet phase at present but is garrulous and soon becomes irrational in his talk. Does a little ward work, but has to be stopped from time to time owing to his unsettled condition.

No. 4008.

Profession: Gardener.

Age: 69.

Diagnosis: Syntonic (Manic-depressive).

Height: 163.8

Weight: 75.7

MEASUREMENT.SKULL.

Horiz. Circum: 59.5  
 Sag. Diameter: 21  
 Frontal " 15.6  
 Vertical " 20  
 Height of Face: 7.3  
 Breadth " " 12/11  
 Length of Nose: 5.5

CIRCUMFERENCE:

Chest: 100  
 Stomach: 97  
 Hips: 97.5  
 Forearm: 27.7  
 Hand: 20.6  
 Calf: 33.7  
 Length: Legs: 83.5 Arms: 75.6  
 Breadth: Shoulder: 42  
 Pelvis: 31.5

FACE & SKULL.

Shape of Head: Broad, long, rather flat.      Frontal: Broad - shield-shaped.

Profile: Straight.  
Occiput well rounded.

Height  
Proportion: Middle face: 7.3  
 Chin: 4

Description: "Pyknic".

Nose: Rather "bulbous" end.  
 Not prominent.

PHYSIQUE.

Bones: Medium.

Stomach: Prominent - obese.

Musculature: Fair  
 Definition poor.

Pelvis: Broad.

Fat: On angle of jaw -  
 breasts and abdomen.

Extremities: Short and rather "thick".

Hands: Broad - broad fingers.

Neck: Thick.

Feet: Long.

Shoulders: Broad - forward  
 sloping.

Chest: Deep - broad.

Description: "Pyknic".HAIR.

Head Hair: White.

Trunk: None above umbilicus.

Brows: Long, bushy.

Arms: Medium.

Beard: Thick.

Pubes: Medium.

Legs: Weak.

Armpits: Weak.

Description: Tendency to varicosity of veins in legs.

No. 4008.

ADMITTED: 24th. September, 1919. Age 62. Married.

He is restless and garrulous, euphoric. States that ~~he~~ saw the Spirit of God, which he swallowed in taking a deep inspiration, and has thus obtained immortality. Intolerant of discipline and attacked a male nurse soon after admission.

6.12.19. Dull and apathetic and seldom speaks. Faulty in habits and confused.

Aug. 21. Developed idea that his bowels were stopped up. States he hears people talking at night but cannot give an account of their statements. At times excitable.

26.6.22. During last two months has been exalted and garrulous - exaggerated ideas of his own ability as a gardener.

1927. Continued in a state of euphoria. Rather overactive, cheerful and pleased with everything.

No marked fall of weight in depressed stage. Mitral systolic bruit but otherwise in excellent health for two years.



No. 4009.

Profession: Ex-soldier.

Age: 63.

Diagnosis: Syntonic (Manic-depressive)

Height: 168.9

Weight: 66.6

MEASUREMENT.SKULL.

Horiz. Circum: 58.8  
 Sag. Diameter: 20  
 Frontal " 15.9  
 Vertical " 19.8  
 Height of Face: 7.5  
 Breadth " " 10.5/10.5  
 Length of Nose: 5.7

CIRCUMFERENCE: Chest: 95.4  
 Stomach: 89.5  
 Hips: 93  
 Forearm: 24.5  
 Hand: 20.2  
 Calf: 35.2  
 Length: Legs: 88.5 Arms: 76.5  
 Breadth: Shoulder: 40  
 Pelvis: 30.5

FACE & SKULL.Shape of Head: Broad, flat.Frontal: Shield-shaped.  
Square forehead.Profile: Straight.  
Forehead rather prominent.Height proportion: Middle face: 7.5  
Chin: 4Description: Forehead a  
"dysplastic" feature.Nose: Not prominent.PHYSIQUE.Bones: Medium.Stomach: Prominent, obese.Musculature: Medium.Pelvis: Medium.Fat: Angles of jaw, abdomen,  
breasts and hips.Extremities: Medium development.Neck: Medium.Hands: Medium.Shoulders: Medium.Feet: Flat.Chest: Medium.Description: "Pyknic".HAIR.Head hair: Grey, bald on vertex Trunk: Medium.Brows: Medium.Arms: Weak.Beard: Medium.Pubes: Medium.Legs: Weak.Armpits: Medium.Description: "Pyknic".

Varicose veins in legs.

No. 4009.

Age: 56.

ADMITTED: 29th. September 1919. Age 56. Married.

Was fully conscious and orientated. No impairment of memory. Stated that for months he had been worrying about what would happen to his family if he died. Began to think it better to wipe them and himself out.

Admits he has become much more irritable recently; is easily moved to tears.

1921. Has become self-satisfied and querulous and very willing to talk of his own capabilities - quite blind to his deficiencies.

JANUARY 1926. Some dementia now. Contented with his lot and without ambitions outside now.

No marked weight change.

Arterio sclerosis and probably some myocardial degeneration.

1927. No change.

No. 4188.

Profession: Flesher.

Age: 60.

Diagnosis: Paraphrenia.

Height: 163

Weight: 68.4

MEASUREMENT.SKULL.

Horiz. Circum: 52.9  
 Sag. Diameter: 18.5  
 Frontal " 13.6  
 Vertical " 19.2  
 Height of Face: 7.2  
 Breadth " " 11/10  
 Length of Nose: 5

CIRCUMFERENCE:

Chest: 99  
 Stomach: 98  
 Hips: 93  
 Forearm: 25  
 Hand: 20.7  
 Calf: 34.4

Length: Legs: 85.5      Arms: 74.5

Breadth:      Shoulder: 39.6  
                  Pelvis: 29.3

FACE & SKULL.

Shape of Head: Narrow,  
                                 rather high.

Frontal: Indefinite. Right side  
                                 larger than left.

Profile: Sloping forehead.  
Jaw in advance of upper part.

Height  
proportion: Middle face: 7.2  
                  Chin: 5

Description: Indefinite.

Nose: Small. Not prominent.

PHYSIQUE:

Bones: Medium.

Stomach: Prominent, obese.

Musculature: Poor.

Pelvis: Medium.

Fat: Jaw, breasts,  
                 abdomen and hips.

Extremities: Medium.

Neck: Short, medium  
                 thickness.

Hands: Broad, coarse fingers.

Feet: Broad.

Shoulders: Broad,  
                 forward sloping.

Chest: Broad, deep.

Description: Typical fat development.HAIR.

Head hair: Grey.

Trunk: A few on breasts.

Brows: Thin.

Arms: Weak.

Beard: Medium.

Pubes: Weak.

Legs: Weak.

Armpits: Weak.

Description: Marked varicose veins.

No. 64188.

ADMITTED: 24th. September, 1920. Age 54. Married.

Correctly orientated and his memory is good. He is foolish and inclined to be exalted in manner and smiles in a self-satisfied way. He is suspicious and evasive in his replies to questions but admits that for six months he has heard voices, which he ascribes to "wireless telegraphy." He adopts listening attitudes and is observed to reply. He declares that his wife put a bitter poisonous substance in his food, which has caused him to lose weight to a considerable extent.

Stated to have suffered from phthisis in 1916.

1924. Talks about his achievements in civil life. States that he is very strong and will fight anyone, and talks in a foolish declamatory way. Will not admit hallucinations, but his behaviour belies his statement. Thinks he is here on account of a plot.

1927. Remains with an exaggerated idea of his capabilities - is hallucinated.

No. 4227.

Age: 53.

Profession: Fitter.

Diagnosis. Syntonic (Manic-depressive)

Height: 161.2

Weight: 68.4

MEASUREMENT.SKULL.

Horiz. Circum: 56.8  
 Sag. Diameter: 20.5  
 Frontal " 15.5  
 Vertical " 21  
 Height of Face: 7.9  
 Breadth " " 11/10.7  
 Length of Nose: 4.9

CIRCUMFERENCE: Chest: 95.5  
 Stomach: 87.6  
 Hips: 90  
 Forearm: 29  
 Hand: 20.3  
 Calf: 34.1

Length: Legs: 78.7 Arms: 70.5

Breadth: Shoulder: 40  
 Pelvis: 28.5

FACE & SKULL.

Shape of Head: Broad, flat.  
 Well rounded occiput.

Frontal: Broad - shield-shape.

Profile: Straight.

Height proportion. Middle face: 7.9  
 Chin: 5

Nose: Small, snub, not prominent.

Description: Very small nose  
 ? dysplastic feature.

PHYSIQUE.

Bones: Large.

Stomach: Prominent, obese.

Musculature: Good.  
 Poor definition.

Pelvis: Narrow.

Fat: Chin, breasts,  
 abdomen and hips.

Extremities: Sturdy.

Neck: Short, thick.

Hands: Broad, thick fingers.

Shoulders: Broad.

Feet: Broad.

Chest: Good depth.

Description: "Pyknic"

HAIR.

Head hair: Grey.

Trunk: Medium.

Brows: Medium.

Arms: Medium.

Beard: Thick.

Pubes: Medium.

Legs: Medium.

Armpits: Thick.

Description: Varicosity of veins and legs.  
 Right inguinal hernia.

No. 4227.

ADMITTED: 21st. April, 1920. Age 47. Widower.

Depressed and introspective. Rather apprehensive. Admits taking to drink after his wife's death a year ago. Thought people followed him about and that they thought he was a burglar.

MAY 1920. Becoming more self-satisfied and complacent.

SEPTEMBER, 1920. Considerable improvement - working in garden. Nervous and easily agitated, but gaining insight.

NOVEMBER, 1920. Discharged recovered.

DECEMBER 1920. READMITTED.

Unable to obtain employment. Developed ideas of being followed about and became apprehensive. Complained to the police of being drugged. Rather excited and overactive. Hallucinations of special senses, hears voices and guns going off.

JANUARY 1921. Some improvement - not hallucinated - but retains his delusions.

MARCH, 1921. Working on farm.

SEPTEMBER, 1921. Relapse. Grandiose and excited.

MARCH, 1922. Relapse. Maniacal attack.

Unsettled more or less until June 1924.

1927. Since then has remained in quiet phase, and is working on the farm and busy in Villa. Contented with his position - will not discuss his former delusions.

No. 4255.

Profession: Fruiterer.

Age: 58

Diagnosis: Paraphrenia (Alcohol)

Height: 165.1

Weight: 70.7

MEASUREMENT:SKULL.

Horiz. Circum: 60.6  
 Sag. Diameter: 21  
 Frontal " 16.2  
 Vertical " 21  
 Height of Face: 6.7  
 Breadth " " 11/11  
 Length of Nose: 5.5

CIRCUMFERENCE: Chest: 99.7  
 Stomach: 98  
 Hips: 95  
 Forearm: 24.5  
 Hand: 20  
 Calf: 35  
  
Length: Legs: 82.4 Arms: 74  
  
Breadth: Shoulder: 39  
 Pelvis: 32

FACE & SKULL.Shape of Head: Broad, long.Frontal: Shield-shaped.Profile: Straight. Nose projects slightly.

Height proportion: Middle face: 6.7  
 Chin: 5

Description: Small mid-face.Nose: Straight, not very prominent.PHYSIQUE.

Bones: Small.

Stomach: Prominent, obese.

Musculature. Poor.

Pelvis: Medium.

Fat: Jaw, breasts &amp; abdomen.

Extremities: Medium.

Neck: Short, thick.

Hands: Medium.

Shoulders: Medium - forward-sloping.

Feet. Broad.

Chest: Medium.

Description:HAIR.

Head Hair. Grey.

Trunk: Nil.

Brows: Thick.

Arms: Weak.

Beard: Medium.

Pubes: Weak.

Legs: Nil.

Armpits: Weak.

Description: Weak secondary hair.

No. 4255.

ADMITTED: 21st. February, 1921. Age 52. Married.

Depressed, solitary and morbidly introspective. Answers questions in a sullen way. Holds his head with his hands and asks why he is being tortured. He is suspicious of those about him and thinks everyone is trying to undermine his health by unseen agencies. Hears voices accusing and reviling him. He becomes irritable and truculent and demands a discontinuance of the conversations. His father committed suicide. Maternal aunt had a mental breakdown and his daughter is insane. He admits alcoholic excess.

APRIL 1921. Evasive in his replies. Is suspicious in his manner. General behaviour suggests that he still labours under delusions of persecution.

MAY. Complains of strange smells like urine and thinks his food is tampered with. Says he is being tortured by unseen agencies.

1924. Remains suspicious and persecuted. Continually tries to force his way through doors. Says he was sent here to become a Freemason. Has made an alliance with a Mr. Mason, of Covent Garden.

1925. Evasive and suspicious. Says there is a conspiracy amongst the patients to prevent his wife coming. Thinks the officers of the institution are in it and also the Masons.

1926. Evasive and foul-mouthed on being questioned about his delusions, which he retains. Unemployed.



No. 4305.Age: 76.

Profession: Sanitary Inspector.

Diagnosis: Syntonic )Manic-depressive).

Height:- 163.8

Weight: 61.6

MEASUREMENT.SKULL.

Horiz. Circum: 58.2  
 Sag. Diameter: 20  
 Frontal " 15.1  
 Vertical " 19.5  
 Height of Face: 7.9  
 Breadth " " 11/10.5  
 Length of Nose: 6

CIRCUMFERENCE: Chest: 87.9  
 Stomach: 88.5  
 Hips: 87  
 Forearm: 23  
 Hand: 22  
 Calf: 32.2

Length: Legs: 87 Arms: 75

Breadth: Shoulder: 38  
 Pelvis: 28.5

FACE & SKULL.

Shape of Head. Broad.  
 Moderate Height.

Frontal: Shield-shaped.

Profile: Curved. Chin in  
 advance of forehead.

Height proportion: Middle face: 7.9  
 Chin: 3.6

Description: "Pyknic".

Nose: Curved, blunt.

PHYSIQUE.

Bones: Medium.

Stomach: Prominent, obese.

Musculature: Poor.

Pelvis: Narrow.

Fat: Chin, angles of jaw,  
 abdomen, breasts.

Extremities: Medium.

Neck: Short, loose skin.

Hands: Broad.

Shoulders: Sloping.

Feet: Broad.

Chest: Medium.

Description:HAIR.

Head hair: White. Bald.

Trunk: Nil.

Brows: Weak.

Arms: Weak.

Beard: Medium.

Pubes: Long.

Legs: Nil.

Armpits: Weak.

Description: Weak secondary hair - senile changes.

No. 4305.

ADMITTED: 31st. October, 1917. Age 57. Married.

Mother a patient in Claybury.

Acutely distressed and agitated. Declares he has the fear of death on him and that he would willingly kill himself. Made impulsive attacks on other patients. Restless at night. Admits attack of depression 4-5 years ago.

DECEMBER. Improvement. Getting fair insight.

FEBRUARY 1918. Discharged recovered.

APRIL 1918 READMITTED. Agitated and depressed - self-accusatory hallucinated, thinks others are talking about him. Thinks his inside is diseased in some way - apprehensive.

FEBRUARY 1919. Improved and able to work in stores; still rather gloomy - weeps when visited.

APRIL 1920. Trial granted - during that period developed a hypomaniacal phase. After extended trial discharged 3rd. September 1920

23rd. JUNE, 1921. Readmitted in state of Melancholia as before. Was foolishly exalted when outside and embarked on building operations, over which he lost money and went to law about it, but lost his case.

JULY 1922. Improved to work in Clerks' Office. Remained depressed, self-accusatory and hopeless in outlook, but able to work until October 1924, when he became hypomaniacal, writing all sorts of nonsense - work stopped. Very self-satisfied. Became troublesome and interfering with other patients, and accusing them and staff of using vile language.

30. 4. 25. Some improvement, but rather restless and interfering.

OCTOBER 1925. Bombastic and self-satisfied state.

21. 1. 26. Now settled to work in stores.

22. 2. 26. Escaped, but came back without trouble from his home

8. 5. 26. Depressed and agitated. Striking and pinching himself.

12.6. 26. Some improvement.

31. 10. 26. Remains unduly depressed, solitary and unemployed.

Spends most of his time reading.

No. 4305. (Continued)

Weight has varied with mental condition. At his best has reached 11.7. Has fallen to his present weight since May 1926 (11.4) during his agitated phase.

No. 4488.Age: 60

Profession: Painter.

Diagnosis: Syntonic.

Height: 166.3

Weight: 59.4

MEASUREMENT.SKULL.

Horiz. Circum: 51.3  
 Sag. Diameter: 18.6  
 Frontal " 13.5  
 Vertical " 19  
 Height of Face: 8  
 Breadth " " 10/10  
 Length of Nose: 5.5

CIRCUMFERENCE: Chest: 87.3  
 Stomach: 75  
 Hips: 84.8  
 Forearm: 22.5  
 Hand: 20.5  
 Calf: 30.5

Length: Legs: 85      Arms: 74.5

Breadth:      Shoulder: 39.5  
 Pelvis: 28

FACE & SKULL.

Shape of Head: Medium height.  
 Narrow.

Frontal: Long, narrow, shield-shape.

Profile: Curved, rather  
 prominent nose.

Height  
proportion: Middle face: 8  
 Chin: 4.5

Description: Indefinite.

Nose: Narrow, straight.

PHYSIQUE.

Bones: Medium.

Stomach: Prominent, not very obese.

Musculature: Poor.

Pelvis: Narrow.

Fat: Breasts and stomach.

Extremities: Poor.

Neck: Thin.

Hands: Small.

Shoulders: Narrow.

Feet: Broad.

Chest: Rather barrel-shaped.

Description: Weak fat development.

HAIR.

Head hair: Brown.

Trunk: Weak.

Brows: Medium.

Arms: Weak.

Beard: Medium.

Legs: Weak.

Pubes: Long.

Armpits: Weak.

Description:

No. 4488.

ADMITTED: 22nd. April, 1914. Age 48. Widower.

2nd. Standard at school. Knowledge of a low order. Has had recurring bouts of depression for 8 years before admission.

He has continued to have similar ones up to the present.

Becomes depressed - hears voices shouting at him calling him filthy names and sometimes singing to him. Sometimes they are pleasant and make him roar with laughter. They make him violent towards others. He admits also that he feels his body is under the influence of electricity.

During his depressed state he tends to be rather overactive, restless and mutters to himself.

Some dementia developing.

Highest weight reached was 9 st. 7 lbs. - has never fallen below 7 st. 5 lbs.

No. 4489.Age: 73

Profession: Bricklayer.

Diagnosis: Syntonic (Melancholia).

Height: 172.7

Weight: 80.7

MEASUREMENT.SKULL.

Horiz. Circum: 59.3  
 Sag. Diameter: 20.5  
 Frontal " 16  
 Vertical " 20.2  
 Height of Face: 8.5  
 Breadth " " 12/11.1  
 Length of Nose: 5.2

CIRCUMFERENCE: Chest: 101  
 Stomach: 104  
 Hips: 100  
 Forearm: 26  
 Hand: 22.2  
 Calf: 36  
  
Length: Legs: 87 Arms: 77  
  
Breadth: Shoulder: 40  
 Pelvis: 32

FACE & SKULL.

Shape of Head: Broad,  
 Medium Height,  
 Occiput rounded.

Profile: Straight.Description: "Pyknic".Frontal: Broad, shield-shaped.

Height  
proportion: Middle face: 8.5  
 Chin: 4

Nose: Small, curved.PHYSIQUE.

Bones: Medium.

Musculature: Fair.

Fat: On jaw, breasts and  
 abdomen.

Neck: Short, thick,

Shoulders: Broad, forward  
 sloping.

Chest: Medium.

Description:

Stomach: Prominent, obese.

Pelvis: Broad.

Extremities: "Sturdy".

Hands: Broad.

Feet: Broad.

HAIR.

Head hair: White.

Brows:- Medium, weak outer end.

Beard: Medium.

Pubes: Medium.

Armpits: Weak.

Trunk: Nil.

Arms: Weak.

Legs: Weak.

Description: Arteries thickened.

No. 4489.

ADMITTED: 1907

Discharged relieved 1909

READMITTED: July, 1913.

Recurrent Melancholia. Admitted each time depressed and with suicidal tendencies. Cleared up rapidly in a short time but always rather slow and lacking in initiative and self confidence; liable to periods of apprehensive worry.

Has been granted trial on two occasions since but each time has relapsed on trial.

3. 1. 27. Somewhat hypochondriacal at present but not markedly depressed. Rather simple and childish showing some blunting of higher faculties.

No. 4625.

Age: 73.

Profession: Clergyman.

Diagnosis: Paraphrenia.

Height: 160

Weight: 75.2

MEASUREMENT.

SKULL.

Horiz. Circum: 58.2  
Sag. Diameter: 19.5  
Frontal " 15.5  
Vertical " 21  
Height of Face: 8  
Breadth " " 13.2/11.5  
Length of Nose: 6

CIRCUMFERENCE: Chest: 99.9  
Stomach: 90  
Hips: 97  
Forearm: 26.5  
Hand: 21.7  
Calf: 37.8

Length: Legs: 82.5 Arms: 73.9

Breadth: Shoulder: 40.6  
Pelvis: 30.7

FACE & SKULL.

Shape of Head: Broad,  
high forehead.

Frontal: Five cornered.

Profile: Sloping forehead,  
large curved nose.

Height  
proportion: Middle face: 8  
Chin: 4.5

Description: "Asthenic" nose  
on "Pyknic" face!

Nose: Prominent, curved beaklike.

PHYSIQUE.

Bones: Medium.

Stomach: Prominent, obese.

Musculature: Fair.

Pelvis: Broad.

Fat: Jaw, abdomen, breasts.

Extremities: "Sturdy".

Neck: Short, thick.

Hands: Broad, coarse fingers.

Shoulders: Broad, sloping forward.

Feet: Broad.

Chest: Deep, broad.

Description: "Pyknic".

HAIR.

Head hair: Grey, thin on vertex.

Trunk: Weak.

Brows: Medium.

Arms: Weak.

Beard: Thick.

Pubes: Weak.

Legs: Weak.

Armpits: Weak.

Description: Weak secondary hair.



No. 4625.

ADMITTED: 8th. February, 1923. Age 70. Married.

Correctly orientated but unduly self-satisfied and elated. Memory fair. From his history he appears to have been insane for a great many years (probably 20); he states that he has been convicted and undergone imprisonment on 13 occasions for such things as begging, loitering, etc. He is described in his reception order as I. R. (?incorrigible rogue).

Educated above the ordinary and says he was ordained in Australia, and acted for a time as a minister in this country, but was not a success, and gave up this calling. He claims to be descended from nobility. The name "Bohum", by which he is known here, he states is a French title, but he is also the Duke of Gloucester and is well known everywhere. Queen Victoria marked him out for a Bishopric and set aside a sum of £200,000 for his use, and he was also to receive money from the estate of the late Baroness Burdett-Coutts. He so resembled the late King Edward VII facially that he was frequently mistaken for him, and as it was known that he had contracted syphilis in a perfectly innocent way, the report got about that King Edward had syphilis. On account of this the King began to persecute him, and as the King was a debtor to the estates of Baroness Burdett-Coutts, everything was done to drive him into obscurity, but he believed in the right of his cause and so took steps to keep himself in the public eye. He thinks he was sent to prison, and so here, to keep him out of the way.

1927. States he has proof of spiritual world by people who were dead appearing before him. He has heard voices directing him at this crisis of his life. He can be seen apparently answering voices and holds services with imaginary audiences.

No. 4836.Age: 56

Profession: Marine Surveyor.

Diagnosis: Paraphrenia (Alcohol)

Height: 172.7

Weight: 68.9

MEASUREMENT.SKULL.

Horiz. Circum: 54.7  
 Sag. Diameter: 18.5  
 Frontal " 15.1  
 Vertical " 20.5  
 Height of Face: 8  
 Breadth " " 12/10.5  
 Length of Nose: 5.5

CIRCUMFERENCE: Chest: 95.8  
 Stomach: 89  
 Hips: 92  
 Forearm: 24  
 Hand: 19.5  
 Calf: 33.8  
  
Length: Legs: 85 Arms: 74.5  
Breadth: Shoulder: 40.5  
 Pelvis: 28.2

FACE & SKULL.

Shape of Head: Broad.  
 Low forehead.

Frontal: Long, shield-shaped.

Profile: Curved. Chin in  
 advance of upper face.

Height proportion: Middle face: 8  
 Chin: 5

Description: Long mid-face  
 and chin.

Nose: Medium, straight.

PHYSIQUE.

Bones: Medium.  
 Musculature: Poor.  
 Fat: Chin, abdomen, breasts.  
 Neck: Short, thick.  
 Shoulders: Broad, sloping  
 forward.  
 Chest: Medium.

Stomach: Prominent, obese.

Pelvis: Narrow.

Extremities: Poor.

Hands: Medium.

Feet: Medium.

Description: "Pyknic".HAIR.

Head hair: Grey, thick.

Trunk: A few hairs on breasts.

Brows: Medium.

Arms: Weak.

Beard: Medium.

Legs: Weak.

Pubes: Medium.

Armpits: Medium.

Description:

No. 4836.

ADMITTED: 19th. April, 1924. Age 54. Married.

Insists people are against him because he did not serve in the Army, and shew their disapproval by their actions. He thinks his thoughts are read by some machine and hears deprecatory remarks passed about him.

Admits alcoholic excess.

1925. Complains that an electric current is passed through his brain at night - has nasty ideas put into his head. Becomes noisy and abusive under the influence of the hallucinations. Complains of electric currents going down the bowl of his pipe and complains that the staff ~~make~~ him lose two-thirds of his tobacco in this way.

1927. No change in mental condition.

No. 5017.Age: 48

Profession: Salesman.

Diagnosis: Syntonic (Manic-depression<sup>16</sup>)

Height: 162.5

Weight: 62.5

MEASUREMENT.SKULL.

Horiz. Circum: 56  
 Sag. Diameter: 19  
 Frontal " 15  
 Vertical " 20.5  
 Height of Face: 8  
 Breadth " " 11/10.8  
 Length of Nose: 6

CIRCUMFERENCE: Chest: 90.5  
 Stomach: 85.4  
 Hips: 90.5  
 Forearm: 25.7  
 Hand: 20.5  
 Calf: 33.5

Length: Legs: 77.4 Arms: 74.5

Breadth: Shoulder: 39.5  
 Pelvis: 30

FACE & SKULL.

Shape of Head: Broad.  
 Rounded occiput.

PROFILE: Weakly arched,  
 sloping forehead.  
 Nose fairly prominent.

Description: Chiefly "pyknic"Frontal: Five cornered.

Height proportion: Middle face: 8  
 Chin: 4.5

Nose: Straight, not markedly  
 prominent.

PHYSIQUE.

Bones: Medium.

Musculature: Fair.

Fat: Slight under chin.  
 On abdomen and breasts.

Neck: Thick.

Shoulders: Forward sloping.

Chest: Medium.

Description: "Pyknic".

Stomach: Prominent, obese.

Pelvis: Medium.

Extremities: Well developed.

Hands: Medium, thick fingers.

Feet: Broad.

HAIR.

Head hair: Grey.

Brows: Thick.

Beard: Medium.

Pubes: Thick.

Armpits: Thick.

Description:

Trunk: Medium.

Arms: Thick.

Legs: Thick.

No. 5017.

ADMITTED: 5th. August, 1925. Age 47. Married.

Self-satisfied and exalted, very garrulous and showing flight of ideas. Abusive and interfering with patients and staff.

Remained in this state and was in acute ward until November 1925.

Improved somewhat but had temporary relapses until March 1926 when he began to show considerable improvement.

AUGUST 1926. Sent out on trial.

AUGUST 1926. Brought back by his mother - sleeping badly, unsuccessful in obtaining work. Wife refuses to have anything to do with him. Depressed.

Quickly recovered from depression and is working in the garden.

No. 5172.Age: 48.

Profession: Labourer.

Diagnosis: Paraphrenia.  
(Recurrent phases of excitement)

Height: 163.8

Weight: 66.8

MEASUREMENT.SKULL.

Horiz. Circum: 54  
 Sag. Diameter: 18  
 Frontal " 14.5  
 Vertical " 19  
 Height of Face: 7.5  
 Breadth " " 11.5/9.5  
 Length of Nose: 6

CIRCUMFERENCE: Chest: 100  
 Stomach: 88.5  
 Hips: 91  
 Forearm: 26  
 Hand: 20.3  
 Calf: 30.3

Length: Legs: 84 Arms: 74

Breadth: Shoulder: 36  
 Pelvis: 29.5

FACE & SKULL.

Shape of Head: Medium breadth.  
 Sloping forehead.

Frontal: Broad, shield-shape.Profile: Weakly arched.

Height  
proportion: Middle face: 7.5  
 Chin: 4

Description: "Pyknic".

Nose: Not prominent.

PHYSIQUE.

Bones: Medium.

Stomach: Prominent, obese.

Musculature: Medium.

Pelvis: Medium.

Fat: Breasts and abdomen.

Extremities. Genu valgus.

Neck: Short, thick.

Hands: Medium.

Shoulders: Sloping.

Feet: Flat.

Chest: Deep.

Description: "Pyknic".HAIR.

Head hair. Grey. Bald on vertex.

Trunk: Medium.

Brows: Weak,

Arms: Medium.

Beard: Bushy.

Pubes: Medium.

Legs: Medium.

Armpits: Medium.

Description: Thickened arteries.

Varicosity of veins of legs.

No. 5172.

ADMITTED: 8th. September, 1925. Age 48. Married.

Well orientated. States people have talked at him making derogatory remarks. Says people outside and also here accuse him of being a German. Has seen lights travelling down the walls of his bedroom.

6. 1. 26. Has improved and has insight stating that he realises the hallucinations were due to imagination. Works well and is of cheerful disposition. Rather unduly satisfied with himself.

15. 1. 26. Trial.

12. 2. 26. Discharged recovered.

READMITTED 9th. JUNE, 1926. Tremulous and apprehensive.

Says all the old trouble started again when he went out. Voices asking him why he did not work - calling him a German spy and a bastard. Sees lights continuously and thinks the Government is connected with his condition.

30. 6. 26. Quieter.

21. 7. 26. Improvement continues.

11. 9. 26. Relapse. Complains of wires and electricity playing on him and is excited and agitated.

29. 11. 26. Complains of noises in the roof. Says voices are telling him to do things during the day, but does not say what. Excited and agitated.

9. 12. 26. Remains actively hallucinated and admits that voices wake him up at night. Also talk to him during the day and he hears them even while speaking to anyone. Says he ignores them. Rather less excited.

No. 5218.Age: 60.

Profession: Traveller.

Diagnosis: Syntonic. (Alcohol).

Height: 173.3

Weight: 54.4

MEASUREMENT.SKULL.

Horiz. Circum: 56  
 Sag: Diameter: 19.5  
 Frontal " 15  
 Vertical " 20  
 Height of Face: 7.5  
 Breadth " " 10.5/9.5  
 Length of Nose: 5.8

CIRCUMFERENCE: Chest: 85.5  
 Stomach: 78  
 Hips: 83  
 Forearm: 24.5  
 Hand: 20.3  
 Calf: 30

Length: Legs: 85.5 Arms: 68

Breadth: Shoulder: 38  
 Pelvis: 27.5

FACE & SKULL.Shape of Head: Medium breadth.Profile: Weakly arched.Description: Indefinite.Frontal: Indefinite.

Height

Proportion: Middle face: 7.5  
 Chin: 4

Nose: Thick, not prominent.

PHYSIQUE:

Bones: Medium.

Musculature: Medium.

Fat: Jaw and abdomen.

Neck: Short, thick.

Shoulders: Narrow.

Chest: Medium.

Stomach: Pot-bellied

Pelvis: Medium.

Extremities: Medium.

Hands: Broad.

Feet: Flat.

Description:HAIR.

Head hair: Grey, bald on temples.

Brows: Weak.

Beard: Weak.

Pubes: Medium.

Armpits: Medium.

Trunk: Weak.

Arms: Weak.

Legs: Weak.

Description: Thickened arteries.



No. 5218.

ADMITTED: 4th. September, 1926. Age 60. Widower.

Conscious but very poorly orientated. States that this is an infirmary at Clapham but remembers taking a motor drive to Epsom recently. Later on in the interview he said he was unhappy to be in a place like Rowton House. Could not tell me the date, thought this month might be May, over-hesitating about the year. Said he was born in '66, but that his age was 52, being unable to make the correct calculation. General mood of fatuous self-satisfaction. Gives amnesia and repeats the same request frequently during the same interview appearing to have forgotten the answer immediately. Admits considerable quantities of alcohol. Says he drank half a bottle of whiskey a day without turning a hair and sometimes had more.

2. 10. 26. Agitated and apprehensive.

1927. Remains confused and disorientated - foolishly self-satisfied, but becomes anxious over trifles and has periods of weeping.

No. 5225.

Profession: Labourer.

Age: 52.

Diagnosis: Syntonic (Alcohol)

Height: 165.1

Weight: 67.5

MEASUREMENT.SKULL.

Horiz. Circum: 57  
 Sag. Diameter: 20  
 Frontal " 15  
 Vertical " 21  
 Height of Face: 8.3  
 Breadth " " 11.5/10  
 Length of Nose: 62

CIRCUMFERENCE: Chest: 96.5  
 Stomach: 86.5  
 Hips: 94  
 Forearm: 27.5  
 Hand: 23.4  
 Calf: 36.5

Length: Legs: 87 Arms: 74.5

Breadth: Shoulder: 38.8  
 Pelvis: 36

FACE & SKULL.

Shape of Head: Broad.  
 Rather low.

Frontal: Shield-shaped.Profile: Weakly arched.

Height proportion: Middle face: 8.3  
 Chin: 4.2

Description: "Pyknic".

Nose: Rather large, blunt.  
 Not prominent.

PHYSIQUE.

Bones: Medium.

Stomach: Fairly prominent, "Flabby".

Musculature: Poor.

Pelvis: Rather fat.

Fat: Jaw, abdomen &amp; breast.

Extremities: Short, genu valgus.

Neck: Short, thick.

Hands: Medium.

Shoulders: Sloping.

Feet: Flat.

Chest: Deep.

Description: Of "pyknic" type but fat not very marked,  
 probably due to recent alcoholic bout.

HAIR.

Head hair: Grey.  
 Scanty on vertex.

Trunk: Weak.

Brows: Weak.

Arms: Weak.

Beard: Medium.

Legs: Weak.

Pubes: Medium.

Armpits: Medium.

Description: Thickened and tortuous arteries. Large hydrocele.

No. 5225.

ADMITTED: 18th. September, 1926. Age 52. Married

Disorientated for time and place. He has no idea of the date and his ideas concerning the nature of this place are still more confused. He thinks it might be a preparatory school but why he should be in such a place he cannot explain. He tells me that last night he went home to bed early and there is other evidence of definite "fabrication". He is amnesic for past events also. He complains of pain in both legs below the knee and is ataxic in gait. He admits having a pint or two of beer a day and more at the week ends.

13th. OCTOBER. Some improvement - gives a fair account of himself but remains rather dull and is at times definitely confused.

9. 12. 26. Much brighter and more active. He appears to have some insight and appreciates the fact that alcohol has been a chief factor in his breakdown.

11. 3. 27. Discharged.

No. 5234.Age: 55

Profession: Ex soldier.

Diagnosis: Syntonic. (Alcohol).

Height: 173.9

Weight: 80.7

MEASUREMENT.SKULL.

Horiz. Circum: 60  
 Sag. Diameter: 20.5  
 Frontal " 15  
 Vertical " 22  
 Height of Face: 8.5  
 Breadth " " 12/11.5  
 Length of Nose: 6.2

CIRCUMFERENCE: Chest: 103  
 Stomach: 98.5  
 Hips: 98  
 Forearm: 26  
 Hand: 21.4  
 Calf: 34.5

Length: Legs: 91 Arms: 79.5

Breadth: Shoulder: 41  
 Pelvis: 29.5

FACE & SKULL.

Shape of Head: Broad.  
 Rather low.

Frontal: Broad, shield-shaped.

Profile: Weakly arched.  
 Chin in advance of upper jaw.

Height  
proportion: Middle face: 8.5  
 Chin: 5

Description: A "classical" pyknic type.

Nose: Straight, not prominent.

PHYSIQUE.

Bones: Medium.

Stomach. Prominent, obese.

Musculature: Fair.

Pelvis: Medium.

Fat: Angle of jaw, breasts & abdomen.

Extremities: Genu valgus.

Neck: Rather thick.

Hands: Broad, coarse fingers.

Shoulders: Broad, forward sloping.

Feet: Medium.

Chest: Deep.

Description: "Pyknic"

HAIR.

Head hair: Grey.

Trunk: Medium.

Brows: Weak.

Arms: Weak.

Beard: Medium.

Pubes: Medium.

Legs: Weak.

Armpits: Medium.

Description: Right testicle atrophied - the result of an accident while riding 20 years previously.

No. 5234.

ADMITTED: 22nd. October 1926. Age 55. Single.

1st. Admission 10th. January 1924.

Correctly orientated and does not show any memory defect except for recent events or days just prior to his admission to the infirmary. Discharged from the Army at the end of last year during Xmas and subsequently drank to excess. He became sleepless, nervous, apprehensive, later depressed. He thought he was being followed about by two sailors who were going to murder him. He was probably hallucinated as he thought he was responsible for the sinking of submarine L24. Recently by "wireless" heard various accusations made against him. Already he has some insight but continues to be depressed.

13. 2. 24. Says he at times feels depressed while at others he is sociable and joins in games.

11. 4. 24. On trial.

9. 5. 24. Discharged.

28. 10. 26. Depressed, self-accusatory and nervous, suffering from insomnia. Admits that this attack, like his former one, is due to his starting to drink and then being unable to stop. He admits having had auditory and visual hallucinations and is somewhat amnesic for the acute stages of his trouble.

12. 12. 26. Less depressed but still admits that he feels rather low-spirited.

6. 5. 27. Discharged.

No. 5253.

Age: 41

Profession: Postman.

Diagnosis: Paraphrenia ?

Height: 177.8

Weight: 77.9

MEASUREMENT.SKULL.

Horiz. Circum: 56.3  
 Sag. Diameter: 19  
 Frontal " 15  
 Vertical " 20  
 Height of Face: 9.3  
 Breadth " " 11.5/10  
 Length of Nose: 5.6

CIRCUMFERENCE: Chest: 96  
 Stomach: 89  
 Hips: 96  
 Forearm: 27.3  
 Hand: 21  
 Calf: 37  
  
Length: Legs: 90 Arms: 75  
  
Breadth: Shoulder: 39.5  
 Pelvis: 28

FACE & SKULL.

Shape of Head: High  
 Steep occiput.

Frontal: Sharp, egg-shaped

Profile: Weakly arched.

Height  
proportion: Middle face: 9.3  
 Chin: 4.2

Description: Indefinite.

Nose: Curved, well defined.

PHYSIQUE.

Bones: Medium.

Stomach: Prominent, obese.

Musculature: "Flabby"

Pelvis: Medium - fat accumulated.

Fat: Chin, angle of jaw,  
breasts and abdomen.

Extremities: Medium.

Neck: Short, thick.

Hands: Broad.

Shoulders: Sloping.

Feet: Broad, rather flat.

Chest: Medium.

Description: "Pyknic".

HAIR.

Head hair: Brown, strong.

Trunk: Medium.

Brows: Weak.

Arms: Medium.

Beard: Medium.

Pubes: Medium.

Legs: Medium.

Armpits: Medium.

Description:

No. 5253.

ADMITTED: 3rd. December, 1926. Age 41. Married.

Well orientated - realises he has come to this hospital because he is depressed and brooding. He has been like this for two years. He is worried because he has no children and people "chaff" him at the office. He has been conducting a loan club amongst the other employees and is worried about financial matters. Says that people accuse him of being the cause of the downfall of many of his fellows. He is very self-centred and rather apprehensive. Appears to be developing ideas of persecution by definite people outside.

21. 12. 26. Complained that last night he felt that his thoughts were getting on to wires and were transferred to paper. Thinks the patients talk about him and say he is wanted by the police. Thinks he is accused of sodomy with his wife because he has no children.

30. 3. 27. Considerable improvement and appears to have gained insight into his former ideas.

6. 5. 27. Discharged.

GROUP B. 15 Cases.

Only 15 cases were classified in this group. Other observers appear to find this the most limited group. The well marked cases are strikingly definite, but with many individuals it is difficult to decide whether or not the degree of muscular development warrants their inclusion. The difficulty lies between the less muscular "muscular" and the more muscular "lean". This is not a distinction which Kretschmer's description makes any clearer as he talks of asthenic types which vary from "slim muscular" to the "strong muscular". Wertheimer's Index does not serve to distinguish the asthenic and asthenic-athletic as may be seen by a reference to the curves published in his paper. It is only when the Index obtained from "clear" observation types is compared that a distinction is obtained. Such a distinction is possible by visual observation, and the 15 cases selected for this muscular group are those which display muscularity very clearly.

AGE. The youngest was 31 years and the eldest 75 years.

FACE AND SKULL. The heads were mostly of middle size, as will be seen later. The frontal appearance was steep egg-shaped or long shield-shaped. The absolute size of the lower jaw was larger than in the other groups, although the measurements taken do not serve to indicate this. The profile was more obviously different from that obtained in Group A. There was a definite prominence of the nose in all but one case. This is important because on the average the length of the nose was not greater. The prominence depends largely on the absence of the more generous subcutaneous filling out of the features which is present in the "fat" group. One case of rhinophyma occurred - a feature which Kretschmer describes as most frequently found in the pyknic group.

WEIGHT - HEIGHT. The relation between these two measurements noted in Group A. did not occur. There was, however, an absence of the marked differences in the figures which is a feature in Group C.

PHYSIQUE. As might be expected in association with muscularity the development of the skeleton was good and in some cases the bones were definitely large. The muscular development in the cases selected was



a general one. In a few there was some loss of tone in the abdominal muscles. In most cases the typical shoulder line, due to development of the trapezius muscle which Kretschmer describes, was present.

The other features of this group are best seen in the comparative measurements which are indicated in tables which are included in a later section. The measurements and appearances obtained in the individuals of this group follow with a history of such case.

No. 537.

Profession: Commercial Traveller.

Age: 56.

Diagnosis: Paraphrenia.

Height: 170.1

Weight: 65.3

MEASUREMENT.SKULL.

Horiz. Circum: 55  
 Sag. Diameter: 19  
 Frontal " 15  
 Vertical " 19.8  
 Height of Face: 7.5  
 Breadth " " 11.5/11  
 Length of Nose: 5.2

CIRCUMFERENCE: Chest: 92.7  
 Stomach: 82  
 Hips: 91.3  
 Forearm: 24.3  
 Hand: 20.1  
 Calf: 32.4

Length: Legs: 88.2 Arms: 76

Breadth: Shoulder: 40.5  
 Pelvis: 29

FACE & SKULL.Shape of Head:

Medium length &amp; breadth. Chin

Frontal: Shield-shaped.

Profile: Sloping forehead. Chin  
 in advance. Nose well defined.

Height  
proportion: Middle face: 7.5  
 Chin: 4.3

Description:

Shield-shaped, with  
 long nosed profile.

Nose: Well defined - prominent.

PHYSIQUE.

Bones: Medium.

Stomach: Not prominent.

Musculature: Good - well defined. Pelvis: Broad.

Fat: Not marked.

Extremities: Well developed.

Neck: Muscular.

Hands: Large.

Shoulders: Broad.

Feet: Large.

Chest: Broad - good depth.

Description:HAIR.

Head hair: Grey - thin on vertex. Trunk: Weak.

Brows: Medium.

Beard: Medium.

Arms: Weak.

Pubes: Medium.

Armpits: Weak.

Legs: Weak.

Description:

No. 5376

ADMITTED: 23rd. September, 1907. Age 37. Married.

Certified on 15th. October, 1901. Transferred from Croydon Mental Hospital. Rather inclined to resent questioning - dreamy in manner. He probably believes that he is God. Says he has been sent on earth to "release" things on earth and up above. He suffers much on account of his work. Lack of emotional expression.

1st. JULY, 1910. Says that he now owns the world, and says that he has supported it as Atlas for 11 years.

1913. Says his heart and 5th. rib have been removed by the authorities.

1923. He believes that he is God; states that he is performing a special work here. When pressed for details he becomes vague. He talks in a self-satisfied way but exhibits little emotional tone and has no real interest in his surroundings. Hears voices from Heaven, which give him inspiration.

1926. He is "God upon Earth" and is in communication with "God in Heaven". He knows all about "the Church", and that is why he does not attend service here. Works well in the ward. Rather untidy in dress.

No. 713.

Age: 75.

Profession: Seaman.

Diagnosis: Paraphrenia.

Height: 169.5

Weight: 66.6

MEASUREMENT.SKULL.

Horiz. Circum: 56.4  
 Sag. Diameter: 19.2  
 Frontal " 15.6  
 Vertical " 20.7  
 Height of Face: 8.5  
 Breadth " " 12.5/10.5  
 Length of Nose 6

CIRCUMFERENCE: Chest: 93.5  
 Stomach: 86.4  
 Hips: 94.1  
 Forearm: 24.5  
 Hand: 21  
 Calf: 33.3

Length: Legs: 86.6 Arms: 77.2

Breadth: Shoulder: 39  
 Pelvis: 31

FACE & SKULL.Shape of Head: Broad forehead.Frontal: Long shield-shape

Profile: Chin in advance.  
 Nose prominent.

Height  
 proportion. Middle face 8.4  
 Chin: 4.5

Description: "Athletic"

Nose: Large - prominent.  
 Rhinophyma.

PHYSIQUE.

Bones: Medium.

Stomach: Muscular.

Musculature: Good  
 Fair definition.

Pelvis: Rather broad.

Fat: Not marked.

Extremities: Muscular.

Neck: Muscular.

Hands: Broad, large, strong fingers.

Shoulders: Broad.

Feet: Broad.

Chest: Broad, good depth.

Description: "Athletic."HAIR:

Head hair: Grey,  
 scanty on vertex.

Trunk: A few round nipples.

Brows: Medium.

Arms: Medium.

Beard: Medium.

Legs: Weak.

Pubes: Weak.

Armpits: Weak.

Description: Secondary hair affected by senile changes.  
 Arteries thickened.

No. 713.

ADMITTED: 16th. October, 1907. Age 56. Single.

Certified in 1901, delusions of persecution by wireless telephones - complains of pains in the head caused thereby. States that he has been sold by his relations.

15. 11. 26. Still thinks that he has been sent here by people outside to get him out of the way. States that he hears a lot of voices and nature acts on him by means of electricity. He states that a spirit visits him when he is asleep. He is not correctly orientated to time though he can estimate the date approximately. Does a little ward work.

No. 2282.

Age: 75.

Profession: Tailor.

Diagnosis: Paraphrenia.

Height: 167.

Weight: 61.6

MEASUREMENT.SKULL.

Horiz. Circum: 57.4  
 Sag. Diameter: 19.6  
 Frontal " 15  
 Vertical " 21  
 Height of Face: 8  
 Breadth " " 11.5/10.6  
 Length of Nose: 5.3

CIRCUMFERENCE: Chest: 84.5  
 Stomach: 77  
 Hips: 86.2  
 Forearm: 24.5  
 Hand: 19.9  
 Calf: 34  
  
Length: Legs: 81.2 Arms: 75  
  
Breadth: Shoulder: 41  
 Pelvis: 28

FACE & SKULL.Shape of Head; Broad.Frontal: Shield-shaped.Profile: Straight.

Height  
 proportion: Middle face: 8  
 Chin: 4.5

Description: Pyknic in type.

Nose: Small, sharp-pointed,  
 not prominent.

PHYSIQUE.

Bones: Medium.

Stomach: Muscular.

Musculature: Fair.  
~~But~~ definition.

Pelvis: Medium.

Fat: Not marked, slight  
 on breasts.

Extremities: Good development,  
 especially forearm  
 and calf.

Neck: Muscular.

Hands: Broad - strong fingers.

Shoulders: Broad.

Feet: Broad.

Chest: Broad, good depth.

Description: Athletic.HAIR.

Head hair: White, thin on vertex

Trunk: Nil.

Brows: Weak.

Arms: Nil.

Beard: Medium.

Pubes: Medium.

Legs: Nil.

Armpits: Weak.

Description: Senile changes in secondary hair.  
 Arteries thickened.

No. 2282.

ADMITTED: 8th. October 1911. Age 60. Married.

States that for the past few months he has been purposely annoyed by various people - noxious gases are blown upon him by instruments known as "street stinkers" - he is also much hurt by electrical appliances.

Truculent and pertly off-hand - intolerant of questioning. Receives messages from the sun.

1923. Says that he is in Mitcham Infirmary. Replies to questions in a truculent and abusive manner. Unoccupied and disinterested. Continually grimacing at the sun and waving fumes away.

1927. Hostile. Disorientated for time and place and mistakes identities. Grimaces at the sun and electric light. States that he is acted on by electric wires round the room and is nearly suffocated by the stinks that come from them. Wireless from the stars gives him plenty of information about what is going on.

No. 3369.Age: 55.

Profession: Carman.

Diagnosis: Paraphrenia.

Height: 165.1

Weight: 61.2

MEASUREMENT.SKULL.

Horiz. Circum: 58  
 Sag. Diameter: 20  
 Frontal " 14.8  
 Vertical " 21.5  
 Height of Face: 8.6  
 Breadth " " 12/10.5  
 Length of Nose: 6.5

CIRCUMFERENCE: Chest: 90.7  
 Stomach: 82  
 Hips: 87.7  
 Forearm: 23.5  
 Hand: 20.5  
 Calf: 31.2

Length: Legs: 83.6 Arms: 73

Breadth: Shoulder: 39.8  
 Pelvis: 25.9

FACE & SKULL.

Shape of Head: Broad.  
 Rather flat.

Frontal: Shield-shaped.

Profile: Curved.  
 Nose prominent.

Height  
 proportion: Middle face: 8.6  
 Chin: 5

Description: "Athletic".

Nose: Large, curved, prominent.

PHYSIQUE.

Bones: Medium.

Stomach: Slight laxity but  
 muscular.

Musculature: Good.

Pelvis: Medium.

Fat: Not marked.

Extremities: Well developed.

Neck: Muscular. Trapezius  
 well developed.

Hands: Broad, strong fingers,  
 some cyanosis.

Shoulders: Broad.

Feet: Broad.

Chest: Broad, deep.

Description: "Athletic".

HAIR.

Head hair: Grey, bald on vertex.

Trunk: Medium.

Brows: Medium, weak outer end.

Arms: Medium.

Beard: Medium.

Pubes: Medium.

Legs: Medium.

Armpits: Medium.

Description: Note baldness on vertex and weakness of outer end  
 of eyebrows.



No. 3369.

ADMITTED: 8th. May, 1916. Age 45. Married.

Believes he is the subject of a conspiracy on the part of his fellow workmen and Trade Unionists owing to his attitude to a transport strike. He was in France and states that he broke down and experienced strange sensations. Since coming to England he has felt as though electricity played on him.

1918. Accuses people of witchcraft and thinks he is to marry a nurse here; at times abusive and threatening.

1923. Memory impaired - persecutory delusions. States he is the Versatile King of the Romanists and that his horsemen have been raided by the Black Hand. At times resistive and threatening. Acutely hallucinated.

He has had definite periods of excitement requiring treatment in acute wards.

No. 3603.Age: 47.

Profession: Labourer.

Diagnosis: Paraphrenia.

Height: 175.2

Weight: 66.6

MEASUREMENT:SKULL.

Horiz. Circum: 55.8  
 Sag. Diameter: 19.5  
 Frontal " 14.2  
 Vertical " 21  
 Height of Face: 7.5  
 Breadth " " 11.5/10  
 Length of Nose: 5.5.

CIRCUMFERENCE: Chest: 97  
 Stomach: 79.2  
 Hips: 90  
 Forearm: 26  
 Hand: 22  
 Calf: 35.8

Length: Legs: 92 Arms: 80

Breadth: Shoulder: 40  
 Pelvis: 31.5

FACE & SKULL.Shape of Head: Medium.

Frontal: Long egg-shape  
 Prominent malar bones.

Profile: Curved.

Height  
 proportion: Middle face: 7.5  
 Chin: 4

Description: "Athletic".

Nose: Large, prominent.  
 Tip upturned.

PHYSIQUE.

Bones: Large.

Stomach: Muscular.

Musculature: Good.  
 Good relief.

Pelvis: Medium.

Fat: Not prominent.

Extremities: Well developed.

Neck: Medium.

Hands: Large, broad,  
 strong fingers.

Shoulders: Broad.

Feet: Large, strong dorsal  
 muscles.

Chest: Broad, deep.

Description: "Athletic".HAIR.

Head hair: Brown.

Trunk: Strong on chest.

Brows: Thick.

Arms: Strong.

Beard: Medium.

Legs: Strong.

Pubes: Medium.

Armpits: Medium.

Description:

No. 3603.

ADMITTED: 14th. July, 1917. Age 38. \*Married.

Conscious, well orientated for time and place, and can give an account of himself. Has little interest in surroundings or in current events. Dates his illness from 1914 when his workmates obstructed his work and he heard remarks passed about him. He was called a spy but he paid no attention to it. The persecution culminated 4 days ago, when a shop-girl blew fumes in his face, which nearly killed him. He complained to the police and was taken to the infirmary. He thinks it is some persecution of the military authorities but can give no reason for it.

Later on denied these delusions at times but unconvincingly. He developed others and complained of the "Radio treatment" he was undergoing - also complained that electricity was playing on his head. Hears voices by wireless. He can "break the contact" of electricity by lowering the right under eyelid.

No. 3725.

Age: 50

Profession: Soldier.

Diagnosis: Paraphrenia.

Height: 167.6

Weight: 65.3

MEASUREMENT.SKULL.

Horiz. Circum: 57.3  
 Sag. Diameter: 19.6  
 Frontal " 15.5  
 Vertical " 19.5  
 Height of Face: 7.9  
 Breadth " " 11.5/9.5  
 Length of Nose: 6

CIRCUMFERENCE: Chest: 97  
 Stomach: 78  
 Hips: 88  
 Forearm: 24.4  
 Hand: 20.9  
 Calf: 36.6

Length: Legs: 84.8 Arms: 74.5

Breadth: Shoulder: 38.6  
 Pelvis: 28

FACE & SKULL.

Shape of Head: Broad, domed.

Frontal: Long egg-shaped.

Profile: Curved.  
 Nose prominent.  
 Small chin.

Height  
proportion: Middle face: 7.9  
 Chin: 4

Description: "Athletic"

Nose: Prominent, thin, pointed.

PHYSIQUE.

Bones: Medium.

Stomach: Fair musculature.  
 Slight fat.

Musculature: Good.  
 Good definition.

Pelvis: Medium.

Fat: Slight on breasts  
 and abdomen.

Extremities: Well developed.

Neck: Muscular.

Hands: Large, strong fingers.

Shoulders: Broad.

Feet: Broad.

Chest: Broad, deep.

Description: "Athletic". Slight development of fat but to  
 "Pyknic" degree.

HAIR.

Head hair: Grey.  
 Bald on vertex.

Trunk: Some on breasts.

Brows: Weak, especially outer end.

Arms: Medium.

Beard: Medium.

Legs: Medium.

Pubes: Medium.

Armpits: Weak.

Description: Note baldness and weakness of eyebrows.

No. 3725.

ADMITTED: 3rd. April, 1918. Age 42. Single.

Orientated and knows his position but displayed little emotional reaction about it or his "persecutions". States he got "run down" in H. S. C. Battery in France and felt he could not do his work and did not care what happened. Was in Netley and Napsbury before. He heard remarks being passed about the scar on his hand, it was likened to female genitalia and filthy remarks passed about it. He thinks they play on it with a ray and it becomes hot and swollen.

Frequently noisy and abusive as a result of the belief that it was played on by Rays or electricity.

Little change since admission. Unoccupied.

No. 3849.Age: 43.

Profession: Serg. Major R.A.F.

Diagnosis: Paraphrenia.

Height: 176.5

Weight: 63.9

MEASUREMENT.SKULL.

Horiz. Circum: 55  
 Sag. Diameter: 19.6  
 Frontal " 15  
 Vertical " 20.5  
 Height of Face: 8  
 Breadth " " 12.1/10  
 Length of Nose: 6

CIRCUMFERENCE: Chest: 93  
 Stomach: 76  
 Hips: 86  
 Forearm: 24.9  
 Hand: 19.5  
 Calf: 33.9

Length: Legs: 94.3 Arms: 75.5

Breadth: Shoulder: 41.6  
 Pelvis: 29.6

FACE & SKULL.

Shape of Head: Long,  
 Rather narrow.

Frontal: Long egg-shaped.

Profile: Arched.

Height  
 proportion: Middle face: 8  
 Chin: 5

Description: Athletic.

Nose: Large, straight, prominent.

PHYSIQUE.

Bones: Large.

Stomach: Muscular, some laxity.

Musculature: Good,  
 well defined.

Pelvis: Medium.

Fat: Not marked.

Extremities: Well developed.

Neck: Muscular.

Hands: Medium.

Shoulders: Broad.

Feet: Broad.

Chest: Broad, good depth.

Description: Athletic.

HAIR.

Head hair: Brown, thick.

Trunk: Weak.

Brows: Medium.

Arms: Medium.

Beard: Medium.

Pubes: Medium.

Legs: Medium.

Armpits: Medium.

Description: Had liver abscess during the war.

No. 3849.

ADMITTED: 11th. December 1918. Age 35. Single.

Well orientated - rather amused at his position. Gives a minute account of himself.

States he is the subject of a conspiracy by the Secret Service by order of the Army Council. They have caused his food to be tampered with and he has been interfered with in many ways. He hears voices calling him and denouncing him. People are always "drawing him" and he can convey messages to them in the same way.

Declares his food is tampered with in the Hospital. History suggestive of liver abscess in Mesopotamia (scars in right lumbar region and on right side of abdomen). Abscess formed in Right hypochondrium January 1922 and eventually discharged "Anchovy" material. Given ~~Em~~ <sup>Em</sup> ~~fine~~ <sup>fine</sup> hydrochloride.

1925. States he is a great detective and can because of his foresight detect crime beforehand. Complains of being poisoned here.

7. 12. 26. Conversation most irrational and he is prone to punctuate his remarks with outbursts of laughter, being much amused by the commonplace happenings he relates. He states that he watches all that goes on and is in fact a bit of a detective. He says that he hears women's voices talking to him. Works in the ward.

No. 3880.Age: 42.

Profession: Warehouseman.

Diagnosis: Paraphrenia.

Height: 165.1

Weight: 62.5

MEASUREMENT.SKULL.

Horiz. Circum: 56.5  
 Sag. Diameter: 20  
 Frontal " 15  
 Vertical " 20  
 Height of Face: 8.3  
 Breadth " " 12/10.6  
 Length of Nose: 6

CIRCUMFERENCE: Chest: 91  
 Stomach: 80  
 Hips: 92  
 Forearm: 24.3  
 Hand: 21  
 Calf: 32.7

Length: Legs: 87.3 Arms: 75

Breadth: Shoulder: 40.5  
 Pelvis: 31.5

FACE & SKULL.Shape of Head: Broad forehead.

Frontal: Long, egg-shape.  
 Large Mid-face.

Profile: Nose makes slight  
 prominence.

Height  
 proportion: Middle face: 8.3  
 Chin: 5

Description: Athletic.

Nose: Large, some prominence.

PHYSIQUE.

Bones: Medium.

Stomach: Muscular. Some loss of tone.

Musculature: Good.  
 Good definition.

Pelvis: Medium.

Fat: Nil.

Extremities: Well developed.

Neck: Muscular.

Hands: Large, strong fingers.

Shoulders: Broad.

Feet: Large.

Chest: Broad. Medium Depth.

Description: Athletic.HAIR.

Head hair: Black.  
 Bald on vertex.

Trunk: A few on breasts.

Brows: Thin.

Arms: Medium.

Beard: Medium.

Legs: Medium

Pubes: Medium.

Armpits: Medium.

Description: Baldness.



No. 3880.

ADMITTED: 6th. March, 1919. Age 35. Married.

Well orientated and realises his position. Can give a good account of his past, with the exception of some months during 1918. He is resentful against the authorities and thinks that he should have had the M. M. and was treated badly, especially in being sent here. If he is to be kept here he would sooner be put up against the wall and "shot like a soldier." He says he was A 1 on joining up but is now a wreck; thinks he has something like a second tongue growing in his throat which makes him stutter, but that it sometimes gets stuck down and he can speak and swallow normally. Also complains that his bowels have ceased to act normally. He may or may not be under some influence, but he has heard something like a gramophone going, but it is indistinct and he can only catch a word now and then.

Evidently had C.S.F. withdrawn in Cardiff, and complains that some chemical was put in at the same time.

1920. Believes he is persecuted by scientists who operate on his body from the roof of the building.

1926. Evasive when questioned but admits that he has "his nature forced" at night. He states that whatever he happens to write is at once known by someone whose name he will not mention. Retains his idea that a man on the roof acts on him by artificial friction, due to electricity.

No. 3972.

Profession: Accountant.

Age: 63.

Diagnosis: Paraphrenia.

Height: 172.7

Weight: 69.3

MEASUREMENT.SKULL.

Horiz. Circum: 56.7  
 Sag. Diameter: 19  
 Frontal " 15.5  
 Vertical: " 19  
 Height of Face: 8  
 Breadth " " 12.1/11  
 Length of Nose: 5.7

CIRCUMFERENCE: Chest: 93  
 Stomach: 85.5  
 Hips: 88.5  
 Forearm: 24.7  
 Hand: 21.2  
 Calf: 34.2

Length: Legs: 84.7 Arms: 76

Breadth: Shoulder: 39.9  
 Pelvis: 30.5

FACE & SKULL.Shape of Head: Broad.Frontal: Long egg-shape

Profile: Arched.  
 Prominent nose.

Height  
 proportion: Middle face: 8  
 Chin: 4.5

Description: Athletic.

Nose: Large, prominent.

PHYSIQUE.

Bones: Large.

Stomach: Some fat but not prominent.

Musculature: Good.  
 Good definition.

Pelvis: Medium.

Fat: Slight on abdomen.

Extremities: Well developed.

Neck: Medium.

Hands: Large.

Shoulders: Broad.

Feet: Large.

Chest: Good depth and breadth.

Description: Athletic.HAIR.

Head hair: Grey.

Trunk: Weak.

Brows: Medium.

Arms: Weak.

Beard: Thick.

Pubes: Medium.

Legs: Weak.

Armpits: Medium.

Description:

No. 3972.

ADMITTED: 9th. August, 1919. Age 56. Married.

Well orientated. Bearing arrogant and supercilious. States he has been followed about for years and attempts have been made to poison him recently. He states that both he and his wife are changelings and kidnapped when young and deserted. Alleged anatomical peculiarities present in himself and family indicating Indian origin. He states his family is an old Indian one, 2,500 years old.

Believes he is Red like an Indian down to his "colour line."

He says he has photographs of his ancestors dating from 1,500 B.C.

No mental change.

No. 4594.Age: 39

Profession: Machinist.

Diagnosis: Paraphrenia.

Height: 162.5

Weight: 61.6

MEASUREMENT.SKULL.

Horiz. Circum: 55.5  
 Sag. Diameter: 18.6  
 Frontal " 15  
 Vertical: " 19.8  
 Height of Face: 7.9  
 Breadth " " 12.1/10.2  
 Length of Nose: 5

CIRCUMFERENCE:

Chest: 93  
 Stomach: 78.5  
 Hips: 85.7  
 Forearm: 25.5  
 Hand: 20  
 Calf: 32.5  
  
 Length: Legs: 85 Arms: 73.5  
 Breadth: Shoulder: 39  
 Pelvis: 26

FACE & SKULL.Shape of Head: Medium size.Frontal: Long egg-shape

Profile: Rather straight.  
 Nose projects slightly.

Height  
 proportion: Middle face: 7.9  
 Chin: 4.2

Description: Indefinite.

Nose: Not large, but projects  
 from face.

PHYSIQUE.

Bones: Medium.

Stomach: Muscular, slight laxity.

Musculature: Good,  
 well defined.

Pelvis: Medium.

Fat: Not marked.

Extremities: Well developed.

Neck: Muscular. Trapezius  
 well marked.

Hands: Medium, rather small  
 fingers.

Shoulders: Broad.

Feet: Medium.

Chest: Broad, good depth.

Description: Rather small hands for this group.HAIR.

Head hair: Grey.

Trunk: Strong.

Brows: Thin.

Arms: Medium.

Beard: Medium.

Pubes: Thick.

Legs: Medium.

Armpits: Thick.

Description: Psoriasis.

No. 4594.

ADMITTED: 9th. December, 1922. Age 35. Single.

Correctly orientated and does not show any gross memory defects. Reached 7th. Standard at 14 years. For 14 months he has been a patient at M.O.P. Hospital, Tooting.

Whilst in France had sexual intercourse and for some time after feared he had contracted syphilis. He has widespread psoriasis which probably stimulated the idea. At end of 1919 suffered from piles and now thinks a peculiar smell emanates from his rectum. He does not notice this himself but infers it from the fact that people avoid him, looking at him, following him about and sniffing when he passes. He states that police and others followed him on bicycles and he gave them as much trouble as he could in trying to avoid them.

He denies hallucinations now but behaviour suggests otherwise. Dull and solitary and rather apprehensive.

Attacked patients as result of hallucinations.

1924. States he feels the roof of his mouth fall down at times.

1925. Still hallucinated and has delusions of persecution against the staff. Says he cannot work because obstacles are put in his way.

1926. Says that when he comes near a radiator in the ward he gets thinner in a few seconds, owing to the moist air. Thinks the authorities here cause him to hear women's voices and that they are able to project these thoughts into his head. Dull and rather solitary and retains delusions of police persecution.

No. 4624.

Profession: Cowman.

Age: 42.

Diagnosis: Paraphrenia.

Height: 167.6

Weight: 57.1

MEASUREMENT.SKULL.

Horiz. Circum: 55.7  
 Sag. Diameter: 18.5  
 Frontal " 15.1  
 Vertical " 19  
 Height of Face: 8  
 Breadth " " 11/10  
 Length of Nose. 5.6

CIRCUMFERENCE: Chest: 83  
 Stomach: 71  
 Hips: 86.5  
 Forearm: 24.5  
 Hand: 20.5  
 Calf: 31  
  
Length: Legs: 83.3 Arms: 74  
  
Breadth: Shoulder: 36.5  
 Pelvis: 29

FACE & SKULL.

Shape of Head: Medium breadth,  
 well rounded vertex.

Frontal: Long egg-shape.

Profile: Curved,  
 Nose prominent.

Height  
proportion: Middle face: 8  
 Chin: 4.5

Description: ? Asthenic.

PHYSIQUE.

Bones: Medium.  
 Musculature: Good.  
 Good definition.  
 Fat: Not marked.  
 Neck: Medium.  
 Shoulders: Medium.  
 Chest: Medium.

Stomach: Some laxity.  
 Pelvis: Rather broad.  
 Extremities: Well developed.  
 Hands: Medium, strong fingers.  
 Feet: Large, broad.

Description: Small athletic - rather feminine hips.

HAIR.

Head hair: Grey.  
 Brows: Thick.  
 Beard: Medium.  
 Pubes: Medium.  
 Armpits: Medium.

Trunk: On sternum. Patches  
 over  
 Arms: Medium.  
 Legs: Strong.

Description: Indefinite. A small athletic type - the musculature  
 being too good to include patient in Class C.

No. 4624.

ADMITTED: 8th. February, 1923. Age 39. Single.

He only reached 4th. Standard.

Depressed and introspective. States that people are against him wherever he goes - noticed them watching and following him. Misconstrued ordinary actions and developed ideas of persecution by the staff.

1927: Garrulous but evasive in answers to questions. Delusion of persecutory nature, and says that while in the Army the members of his company were against him and were jealous of his capabilities. Thinks his fellow patients are jealous of his superior common sense.

Thinks the girl with whom he walked out may have arranged his detention here.

No. 5036.

Age: 34.

Profession: Clerk (odd jobs)

Diagnosis: Paraphrenia.

Height: 172.7

Weight: 70.9

MEASUREMENT.

SKULL.

Horiz. Circum: 57.5  
Sag. Diameter: 20  
Frontal " 15  
Vertical " 20  
Height of Face: 8.5  
Breadth " " 14/10  
Length of nose: 6

CIRCUMFERENCE: Chest: 91  
Stomach: 78  
Hips: 91.5  
Forearm: 27  
Hand: 23  
Calf: 36  
  
Length: Legs: 93.5 Arms: 76.5  
  
Breadth: Shoulder: 39  
Pelvis: 28.5

FACE & SKULL.

Shape of Head: Low forehead.  
Well rounded occiput.

Profile: Arched.

Description: Athletic.

Frontal: Steep egg-shape,  
long mid-face.

Height  
Proportion: Middle face: 8.5  
Chin: 5

Nose: Thin, pointed, prominent.

PHYSIQUE.

Bones: Large.

Musculature: Very good.

Fat: Medium covering.

Neck: Muscular.

Shoulders: Broad.

Chest: Broad, deep.

Description: Athletic.

Stomach: Muscular.

Pelvis: Medium.

Extremities: Strongly developed.

Hands: Large, strong fingers.

Feet. Large.

HAIR.

Head hair: Brown, receding  
from temples.

Brows: Narrow.

Beard: Bushy.

Pubes: Strong.

Armpits: Medium.

Description:

Trunk: Medium.

Arms: Medium.

Legs: Strong.



No. 5036.

ADMITTED: 16th. September, 1925. Age 34. Single.

Previously in Portsmouth M. H.

He has a fixed stare, smiles foolishly without cause and is stilted in conversation. He has an exaggerated self-esteem and without cause imagined the lady who employed him was in love with him. His fellow servants noticed the "situation" and behaved strangely towards him.

18. 10. 25. Appears definitely hallucinated - struck two patients because of constant irritation and complains that patients talked about "glue pots" at him.

6. 3. 26. Apart from mannerisms and inane smiling he gives little outward sign of hallucination. Quiet and working well in gardens.

16. 8. 26. Solitary and reserved in his behaviour. Dull and rather unemotional in conversation. Denies hallucinations and the interpretation put on the statements he made about his former employer, but becomes contradictory on questioning. His answers suggest that he is concealing his true ideas.

18. 9. 26. Complains of other patients talking about him and making threatening gestures.

14. 12. 26. Remains dull and childish in outlook.

No. 5097.

Profession: Billiard marker.

Age: 51.

Diagnosis: Syntonic (Alcohol)

Height: 171.45

Weight: 70.3

MEASUREMENT:SKULL.

Horiz. Circum: 58.5  
 Sag. Diameter: 20  
 Frontal " 16  
 Vertical " 20.5  
 Height of Face: 8.5  
 Breadth " " 12.5/11  
 Length of Nose: 6

CIRCUMFERENCE:

Chest: 94  
 Stomach: 83  
 Hips: 91  
 Forearm: 25.5  
 Hand: 21  
 Calf: 34  
  
 Length: Legs: 93 Arms: 78.5  
  
 Breadth: Shoulder: 41  
 Pelvis: 28.5

FACE & SKULL.

Shape of Head: Broad,  
 well rounded occiput.

Frontal: Shield-shaped.Profile: Weakly arched.

Height  
 proportion: Middle face: 8.5  
 Chin: 4

Description: "Pyknic"

Nose: Medium, not prominent.

PHYSIQUE.

Bones: Medium.

Stomach: Rather lean - some fat.

Musculature: Good,  
well defined.

Pelvis: Medium.

Fat: Not marked.

Extremities: Good.

Neck: Medium.

Hands: Medium.

Shoulders: Broad.

Feet: Tendency to flatness.

Chest: Good depth.

Description: Musculature of athletic variety, but slight  
 tendency to abdominal fat.

HAIR.

Head hair: Grey,  
 slight baldness.

Trunk: Strong.

Brows: Narrow.

Arms: Strong.

Beard: Medium.

Legs: Strong.

Pubes: Medium.

Armpits: Medium.

Description: ? Muscular group.  
 Was gaining weight when taken out of hospital.

No. 5097.

ADMITTED: 8th. January, 1926. Age 53. Married.

Admitted under restraint. Now highly excitable and apprehensive, imagines the staff have revolvers and are going to shoot him. As the resulting hallucinations violently attacked a male nurse. Insomnia. (He has actually been under police protection for some time owing to threats from people who use his billiard saloon). Destructive and depraved in habits.

JANUARY 21st. Improved.

8. 2. 26. Emotional and depressed at times - upset by wife's visits.

18. 2. 26. Hallucinated, overactive, destructive, no clothing. Violent towards staff under influence of hallucinations.

28. 2. 26. Less active but remains very suspicious and apprehensive.

7. 3. 26. Improving. Has had several boils, shoulder and buttocks.

1. 5. 26. Granted parole.

14. 7. 26. States that his mental breakdowns are caused by which make him take whiskey and port to excess. Remains rather uncertain of himself.

27. 8. 26. Very depressed again - complains of pains in his head and states that he is worrying about <sup>what</sup> his wife said to him. Tremulous and not sleeping well.

10. 9. 26. Rather less depressed and working.

10. 11. 26. Made Private Patient and taken out under Sec. 72 against advice.

(Has had two previous admissions to M. H's)  
Acute maniacal conditions rapidly clearing up.

No. 5128.Age: 49.

Profession: Newsagent.

Diagnosis: Paraphrenia (Alcohol)

Height: 171.4

Weight: 60.7

MEASUREMENT.SKULL.

Horiz. Circum: 56.6  
 Sag. Diameter: 20  
 Frontal " 14.6  
 Vertical " 20.5  
 Height of Face: 8  
 Breadth " " 11.5/10.1  
 Length of Nose: 6

CIRCUMFERENCE: Chest: 87.5  
 Stomach: 72  
 Hips: 83.4  
 Forearm: 24  
 Hand: 21.2  
 Calf: 32.7

Length: Legs: 87.5 Arms: 73.5

Breadth: Shoulder: 39.1  
 Pelvis: 25.5

FACE & SKULL.

Shape of Head: Medium size

Frontal: Long egg-shape

Profile: Curved.  
 Prominent nose.

Height  
 proportion: Middle face: 8  
 Chin: 4.8

Description: Athletic.

Nose: Large, prominent.

PHYSIQUE.

Bones: Medium.

Stomach: Some laxity.

Musculature: Fair,  
 good definition.

Pelvis: Narrow.

Fat: Not marked.

Extremities: Very muscular.

Neck: Muscular.  
 Trapezius well marked.

Hands: Broad, strong fingers.

Feet: Broad.

Shoulders: Fair breadth.

Chest: Fair depth,  
 rather narrow.

Description: Rather poor chest but otherwise "Athletic".

HAIR.

Head hair: Brown.

Trunk: Weak.

Brows: Medium.

Arms: Weak.

Beard: Medium.

Pubes: Medium.

Legs: Weak.

Armpits: Weak.

Description:

No. 5128.

ADMITTED: 15th. March, 1926. Age 48. Married.

Declares that he sees visions and hears voices ever since two years ago following an alcoholic bout, when he sat with a bottle of wine on the table and heard a voice say "Billy, Billy, take this warning. Alcohol will kill you," and another voice which changed to "Billy's right." One voice he thinks was God's and the other the Sister of Mercy supreme of all, as he has been in communication with them ever since. He states that it is only at intervals that he hears these voices - "in spells."

History from wife of his being repeatedly convicted for "Drunk and Disorderly." Two children both deaf and dumb.

JUNE 26th. Asking to be allowed to wash his scrotal region daily. He thinks that Germinal fluid passes from his Kidneys with the urine, and this is likely to cause soreness in the groins.

1927. Hears God's voice from the moment he gets up until God sends him to sleep in the evening.

No. 5240.Age: 31.

Profession: Labourer.

Diagnosis: Paraphrenia.

Height: 167.6

Weight: 66.6

MEASUREMENT:SKULL.

Horiz. Circum: 55.5  
 Sag. Diameter: 19  
 Frontal " 15  
 Vertical " 19  
 Height of Face: 7.5  
 Breadth " " 12/10.5  
 Length of Nose: 6

CIRCUMFERENCE: Chest: 88.5  
 Stomach: 75.5  
 Hips: 92  
 Forearm: 26.5  
 Hand: 22  
 Calf: 34.5

Length: Legs: 86.5 Arms: 75.5

Breadth: Shoulder: 40  
 Pelvis: 29

FACE & SKULL.

Shape of Head: Rather "high  
 headed"

Frontal: Steep egg-shape

Profile: Arched,  
 prominent nose.

Height  
 proportion: Middle face: 7.5  
 Chin: 5

Description: "Athletic".

Nose: Straight and thin, prominent.

PHYSIQUE.

Bones: Large.

Stomach: Muscular.

Musculature: Good.  
 Good definition.

Pelvis: Medium.

Fat: Not marked.

Extremities: Strongly developed.

Neck: Muscular.

Hands: Strong.

Shoulders: Broad.

Feet: Medium.

Chest: Deep.

Description: Athletic.

HAIR:

Head hair: Brown.

Trunk: Medium.

Brows: Narrow.

Arms: Medium.

Beard: Medium.

Pubes: Medium.

Legs: Medium.

Armpits: Medium.

Description:

No. 5240.

ADMITTED: 10th. November, 1926. Age 31. Married.

He is conscious and properly orientated. Considers that all his trouble was temporary and due to "a drop of drink". He states that he has had trouble with his head since leaving the Army, getting a "menthol" feeling in the forehead. He states that he has heard neighbours talking about him, saying unpleasant things. He also believes from their talk that he has been impersonated in several shows about town, such as "on the Dole." He has heard women say that they wished to send him off to Ireland. The police are implicated in the scheme but for what reason he will not say.

26. 12. 26. Escaped and not recaptured.

GROUP C. 42 Cases.

AGE. The ages of the cases in this group varied from 21 to 69 years.

HEIGHT-WEIGHT PROPORTION. In the majority a very marked difference existed between these two figures.

FACE AND SKULL. The frontal impression varied considerably but was generally smaller and narrower than the other groups. Forms from short egg-shape through long egg-shape to long shield-shape were obtained with occasional instances of a more or less broad shield-shaped type. The profile resembled those found in Group B rather than those in Group A. While there were many merely arched profiles a large number were very definitely angular. Only one profile was noted as "straight," due to a small nose and generally undeveloped features which might be classed as dysplastic. Two features which Kretschmer describes were conspicuously absent; no instance of this hypoplastic jaw was seen such as appears in one of the photographs published in his book, and the straight occiput was not noticed in any case.

PHYSIQUE. The skeleton was smaller on the average than in the other two groups, as one might expect from an absence of muscular development. In several cases the lower limbs appeared to have a degree of development out of proportion to the general musculature. The muscles were poor in the great majority of cases. The fat development was invariably below average and in some appeared to be almost absent. The long flat chest was in evidence in this group, and in general the shoulders were narrow, but there were some shoulder breadths of outstanding measurement. There was a tendency for the hands to be small with thin fingers.



No. 510.Age: 69.

Profession: Porter.

Diagnosis: Paraphrenia.

Height: 160

Weight: 52.6

MEASUREMENT.SKULL.

Horiz. Circum: 54.5  
 Sag. Diameter: 19  
 Frontal " 13.5  
 Vertical " 18  
 Height of Face: 8.2  
 Breadth " " 11.5/10.2  
 Length of Nose: 5.5

CIRCUMFERENCE: Chest: 86.5  
 Stomach: 73  
 Hips: 83  
 Forearm: 23.1  
 Hand: 20  
 Calf: 29.2

Length: Legs: 84 Arms: 74

Breadth: Shoulder: 39.5  
 Pelvis: 28

FACE & SKULL.Shape of Head: Medium Breadth.Frontal: Long egg shapeProfile: Well arched.

Height  
 proportion: Middle face: 8.2  
 Chin: 4.1

Description: "Asthenic".

Nose: Prominent.

PHYSIQUE.

Bones: Small.

Stomach: Lax.

Musculature: Poor.

Pelvis: Medium.

Fat: Poor.

Extremities: Thin.

Neck: Short, medium thickness.

Hands: Medium.

Shoulders: Broad for size.

Feet: Long.

Chest: Medium.

Description: "Dysplastic" shoulders.HAIR.

Head hair: Grey.

Trunk: Nil.

Brows: Weak.

Beard: Average.

Arms: Weak.

Pubes: Long.

Armpits: Weak.

Legs: Weak.

Description: Arteries thickened.  
 Veins prominent in legs.

No. 510.

ADMITTED: 19th. September, 1907. Age 50. Married.

Garrulous and fantastic in statement. Claims all kinds of high office - his claims varying from day to day. One day he says he is George V and Jesus Christ, on another Earl Spencer, Viceroy and King. He claims this asylum as his own house and that he ought to be in the Superintendent's position. Attention wanders and he is out of touch with reality. Complains at times that other patients shoot him through head and body.

No. 1376.Age: 43

Profession: Fish porter.

Diagnosis: Dementia praecox.

Height: 168.9

Weight: 58.5

MEASUREMENT:SKULL.

Horiz. Circum: 56  
 Sag. Diameter: 19.5  
 Frontal: " 14.9  
 Vertical " 20.2  
 Height of Face: 8  
 Breadth " " 12/10.1  
 Length of Nose: 5

CIRCUMFERENCE: Chest: 86  
 Stomach: 75.2  
 Hips: 83.6  
 Forearm: 23  
 Hand: 19  
 Calf: 33  
  
Length: Legs: 92.5 Arms: 75  
  
Breadth: Shoulders: 36.2  
 Pelvis: 29

FACE & SKULL.

Shape of Head: Medium breadth.  
 Low, rounded occiput.

Profile: Arched.Frontal: Shield-shaped.

Height  
 proportion: Middle face: 8  
 Chin: 5

Description:  
Note. Shield-shape.

Nose: Small, curved, prominent -  
 like a beak.

PHYSIQUE.

Bones: Small.

Musculature: Poor.

Fat: Poor.

Neck: Thin.

Shoulders: Narrow, sloping.

Chest: Medium.

Stomach: "Enteroptotic".

Pelvis: Medium.

Extremities: Thin.

Hands: Long, thin fingers.

Feet: Broad - congested.

Description:HAIR:

Head hair: Black.  
 Growing into neck.

Trunk: Nil.

Brows: Narrow.

Arms: Nil.

Beard: Medium.

Pubes: Medium.

Armpits: Medium.

Legs: Nil.

Description: Marked varicosity of veins of leg.

No. 1376.

ADMITTED: 30th. October, 1908.

Single.

Anergic and lacking in interests. Says he never wants to see his father and mother again but gives no reason for this. Admits auditory hallucinations. At times later became impulsively violent.

Has become dull and apathetic, is disorientated for time. Working in upholsterer's shop. Is still impulsive at times.

No. 1640.

Profession: Gate porter.

Age: 62.

Diagnosis: Paraphrenia.

Height: 161.9

Weight: 50.3

MEASUREMENT.SKULL.

Horiz. Circum: 55.5  
 Sag. Diameter: 19.1  
 Frontal " 15  
 Vertical " 20.1  
 Height of Face: 8  
 Breadth " " 11.6/9.6  
 Length of Nose: 6.5

CIRCUMFERENCE: Chest: 85.  
 Stomach: 79  
 Hips: 82  
 Forearm: 22  
 Hand: 20  
 Calf: 28

Length: Legs: 82.5 Arms: 69

Breadth: Shoulder: 34  
 Pelvis: 29

FACE & SKULL.Shape of Head: Narrow.Frontal: Short egg shape

Profile: Angular -  
 Long projecting nose.

Height  
proportion: Middle face: 8  
 Chin: 4

Description: "Asthenic."

Nose: Long, thin, straight,  
 prominent.

PHYSIQUE.

Bones: Small.

Stomach: Prominent - lax.

Musculature: Poor.

Pelvis: Narrow.

Fat: Slight on abdomen.

Extremities: Thin.

Neck: Thin.

Hands: Medium.

Shoulders: Narrow.

Feet: Medium.

Chest: Flat, long.

Description: "Asthenic"HAIR.

Head hair: Grey.

Trunk: Nil.

Brows: Medium

Beard: Medium.

Arms: Weak.

Pubes: Weak.

Armpits: Weak.

Legs: Nil.

Description: Weak secondary hair.

No. 1640.

ADMITTED: July 15th. 1909. Age 45. Married.

Believes that for about 4 years every one around him passed insulting remarks about him. All these remarks have the word "foreskin" in them. He has even heard ladies in the Park say in an undertone to gentlemen with them "that's old foreskin Jack". He can see no absurdity in this and only wants to find out those responsible. He has seemed to see crowds of men congregate in his way to threaten him. Alcoholic excess admitted about 9 years ago.

1916. States he is here owing to a conspiracy by the Police, who outside prosecuted him by getting all the rabble of Bermondsey to follow him about slandering him.

1927. Retains the delusions concerning the Police. Has not developed any persecutory ideas against the staff and gives no evidence of hallucinations. Works well.

No. 1672.

Profession: Printer.

Age: 37.

Diagnosis: Dementia praecox.

Height: 158.7

Weight: 54.8

MEASUREMENT:SKULL:

Horiz. Circum: 54.7  
 Sag. Diameter: 18.6  
 Frontal " 14.2  
 Vertical " 18.2  
 Height of Face: 8  
 Breadth " " 11/10  
 Length of Nose: 5.7

Circumference: Chest: 88  
 Stomach: 69.5  
 Hips: 84.4  
 Forearm: 23.7  
 Hand: 19.6  
 Calf: 31.5

Length: Legs: 84.7 Arms: 70

Breadth: Shoulder: 36  
 Pelvis: 27

FACE & SKULL.Shape of Head: Rather low.Frontal: Short egg-shapeProfile: Strongly arched.

Height  
 proportion: Middle face: 8  
 Chin: 4.2

Description: "Asthenic"

Nose: Prominent, "beak-like."

PHYSIQUE.

Bones: Medium.

Stomach: Small, fairly muscular.

Musculature: Medium.

Pelvis: Medium.

Fat: Not marked.

Extremities: Medium.

Neck: Medium.

Hands: Medium.

Shoulders: Medium.

Feet: Medium.

Chest: Good depth.

Description: Fair muscularity for small size but not included in  
 Group B because of his very small build.

HAIR.

Head hair: Black, thick.

Trunk: Weak.

Brows: Medium.

Arms: Weak.

Beard: Medium.

Pubes: Thick.

Armpits: Thick.

Legs: Strong.

Description:

No. 1672.

ADMITTED: 5th. August, 1909. Age 19.

Complained that he had been told to commit incest with his mother and that a Doctor had suggested fornication to him by signs. Depressed, dull and retarded.

Later became excited, full of silly antics and made impulsive rushes. Attacked the staff, refused to employ himself.

Marked deterioration - now mutters to himself, can give no account of the past. Faulty in habits and careless of his personal needs. Often noisy and has impulsive outbursts.



No. 1762.Age: 43.

Profession: Carpenter.

Diagnosis: Paraphrenia.

Height: 162.5

Weight: 55.7

MEASUREMENT.SKULL.

Horiz. Circum: 54.1  
 Sag: Diameter: 19  
 Frontal " 14.5  
 Vertical " 20  
 Height of Face: 8  
 Breadth " " 11/10  
 Length of Nose: 6

CIRCUMFERENCE: Chest: 87.9  
 Stomach: 67  
 Hips: 83  
 Forearm: 23.8  
 Hand: 19.3  
 Calf: 33.9  
  
Length: Legs: 83.2 Arms: 73  
  
Breadth: Shoulder: 38  
 Pelvis: 27

FACE & SKULL.Shape of Head: Narrow.Frontal: Long egg-shapeProfile: Angular.

Height  
 proportion: Middle face: 8  
 Chin: 4.5

Description: "Asthenic".

Nose: Long, prominent.

PHYSIQUE.

Bones: Medium

Stomach: Lax.

Musculature: Medium.

Pelvis: Medium.

Fat: Slight on breasts  
and abdomen.

Extremities: Legs "sturdy".

Neck: Long. Thin.

Hands: Broad, thick fingers.

Shoulders: Narrow.

Feet: Broad.

Chest: Flat, long.

Description: Not typically "asthenic", but has neither fat nor muscle  
 justifying inclusion in the other groups of the present  
 classification.

HAIR.

Head hair: Grey.

Trunk: Weak.

Brows: Medium, meet in mid line.

Beard: Medium.

Arms: Medium.

Pubes: Long, thick.

Armpits: Medium.

Legs: Medium.

Description:

No. 1762.

ADMITTED: November 16th. 1909. Age 36. Married.

Accuses his wife of infidelity and of attempts to poison him. His food tasted funny and he was sick once or twice after drinking tea. States that on one occasion he woke up with the feeling that a handkerchief was on his face and thinks that somebody was trying to drug him. Some friends he thought gave him drugged tobacco.

OCTOBER 1911. Denies that he had any ideas about his wife's unfaithfulness. Thinks he ought to be allowed out to work for her. Maintains that he was illegally sent here and that the country will go to the dogs as a result of such practices and generally becomes incoherent in his vehement declamations.

1912. Several times complained that players in the band were playing at him and were making accusations against him of a most fantastic nature.

1919. States that by his special knowledge he knows all about the methods of gathering people into prisons. Always aggrieved and becomes excitable in his statements - says all sorts of nods, signs and winks go on with a view to making a person out insane.

1926. Remains persecuted - complains that people come into his room at night and burn him. Actively hallucinated. Does no work on principle.

No. 1821.Age: 60.

Profession: Grocer.

Diagnosis: Paraphrenia ?

Height: 160

Weight: 56.2

MEASUREMENT.SKULL.

Horiz. Circum: 56.4  
 Sag. Diameter: 19.5  
 Frontal " 15  
 Vertical " 19  
 Height of Face: 8  
 Breadth " " 11/9.8  
 Length of Nose: 5.4

CIRCUMFERENCE: Chest: 80.6  
 Stomach: 69.9  
 Hips: 85.3  
 Forearm: 24  
 Hand: 19.9  
 Calf: 30.5

Length; Legs: 83.9 Arms: 71

Breadth: Shoulder: 39.5  
 Pelvis: 30

FACE & SKULL.Shape of Head: Medium breadth.Frontal: Long shield-shape.

Profile: Sloping forehead.  
 Nose not unduly prominent.

Height proportion: Middle face: 8  
 Chin: 4

Nose: Curved, not prominent.

Description: Note profile and shield-shape.

PHYSIQUE.

Bones: Medium.

Stomach: Lax.

Musculature: Fair.

Pelvis: Broad.

Fat: Not marked.

Extremities: Poor development.

Neck: Thin, long.

Hands: Medium.

Shoulders: Broad.

Feet: Medium.

Chest: Flat, long.

Description: Lean.HAIR.

Head hair: Grey, bald on vertex.

Trunk: Weak.

Brows: Weak.

Beard: Medium.

Arms: Weak.

Pubes: Medium.

Armpits: Medium.

Legs: Nil.

Description: Not a typical asthenic but certainly "lean".

No. 1821.

ADMITTED: 21st. January, 1910. Age 44. Married.

Haywards Heath 11 years ago. Was in Croydon M. H. 1905 for 11 months.

Becomes excitable when questioned - blames the police for his position on each occasion. He is boastful and self-satisfied and admits that he thought he was communicating with God before admission.

APRIL 1910. Settled down. Remains rather self-satisfied.

Continued self-satisfied - domineering over other patients, and quarrelsome.

He has remained in this condition up to date. Gives as his reason for being here that he refuses to support a drunken wife - his wife has evidently been a source of trouble and is an undesirable character.

No. 2168.

Profession: Engineer.

Age: 34.

Diagnosis: Dementia praecox.

Height: 168.2

Weight: 60.3

MEASUREMENT.SKULL.

Horiz. Circum: 57.5  
 Sag. Diameter: 19.5  
 Frontal " 15  
 Vertical " 20  
 Height of Face: 8.5  
 Breadth " " 11.5/10.4  
 Length of Nose: 6

CIRCUMFERENCE: Chest: 81  
 Stomach: 75.7  
 Hips: 87  
 Forearm: 24.4  
 Hand: 21.9  
 Calf: 33  
  
Length: Legs: 88.5 Arms: 74  
  
Breadth: Shoulder: 38.5  
 Pelvis: 31.5

FACE & SKULL.Shape of Head: Medium.Frontal: Short egg-shape.Profile: Rather angular.

Height  
 proportion: Middle face: 8.5  
 Chin: 4.5

Description: Asthenic.Nose: Straight, prominent.PHYSIQUE.

Bones: Small.

Stomach: Thin.

Musculature: Poor.

Pelvis: Small.

Fat: Poor.

Extremities: Medium.

Neck: Thin.

Hands: Large.

Shoulders: Sloping.

Feet: Very large - congested, flat.

Chest: narrow, flat.

Description: "Asthenic".HAIR.

Head hair: Brown, thick.

Trunk: Weak.

Brows: Medium.

Beard: Medium.

Arms: Weak.

Pubes: Medium.

Armpits: Weak.

Legs: Weak.

Description: Veins rather prominent.  
 Congestion of extremities.

No. 2168

ADMITTED: 5th. February, 1910. Age 18.

Has hallucination of having organic sensation, hears voices all round him, feels sensations in different parts of the body, and complains that some mystic influence is on him, and attributes it to mesmerism. He is reticent and sullen and at times becomes threatening and hostile.

In April had to be tube fed.

Considerable improvement.

OCTOBER. Discharged - recovered.

READMITTED: February, 1911.

He gave slow mysterious answers to questions. Admits suicidal thoughts, says that he has heard himself called "Solomon". Says he has been worried by the man and the woman, by whom he means his father and mother.

24th. AUGUST. Considerable improvement with some insight but not complete.

DECEMBER, 1912. Obtained a knife and cut his throat in an attempted suicide.

1913. Quiet and well conducted, but childish, dull, without ambition.

1915. At present in a better phase but attributes his recent mental breakdowns in which he is depressed, hallucinated and suicidal to lack of sexual gratification.

1920. Progressive deterioration. Stands for a long time without speaking or moving. Habits often often faulty, taking food badly.

1926. Remained dull, introverted, schizophrenic, untidy manners, etc. and requires much supervision,

No. 21786Age: 60.

Profession: Hawker.

Diagnosis: Paraphrenia.

Height: 170.1

Weight: 54.4

MEASUREMENT.SKULL.

Horiz. Circum: 54.8  
 Sag. Diameter: 19  
 Frontal " 14.5  
 Vertical " 19.6  
 Height of Face: 7.9  
 Breadth " " 11/10.1  
 Length of Nose: 5.5

CIRCUMFERENCE: Chest: 88.2  
 Stomach: 69.5  
 Hips: 83  
 Forearm: 23.9  
 Hand: 20.6  
 Calf: 30.7

Length: Legs: 90.5 Arms: 76

Breadth: Shoulder: 37.5  
 Pelvis: 26.6

FACE & SKULL.Shape of Head: Narrow.

Frontal: Long shield-shape

Profile: Curved, small chin.

Height  
 proportion: Middle face: 7.9  
 Chin: 4.3

Description: Note.  
 Shield-shaped.

Nose: Projecting, sharp.

PHYSIQUE.

Bones: Small.

Stomach: Thin.

Musculature: Poor.

Pelvis: Narrow.

Fat: Poor.

Extremities: Weak.

Neck: Long, thin.

Hands: Large, thick fingers.

Shoulders: Narrow.

Feet: Large.

Chest: Long, medium depth.

Description: Large hands and feet.HAIR.

Head hair: Grey.

Trunk: A few on breasts.

Brows: Medium.

Beard: Medium.

Arms: Weak.

Pubes: Long.

Armpits: Weak.

Legs: Weak.

Description: Psoriasis.  
 Marked varicosity of veins.

No. 2178.

ADMITTED: 14th. March, 1911. Age 45. Single.

Miserable and depressed expression - well orientated -  
7th. Standard.

For  $2\frac{1}{2}$  years he has spent most of the time in an infirmary. Has been much handicapped by varicose veins. Morbidly introspective and calls attention to every little ache and pain and probably to normal organic sensations. The other patients started telling about him 3 weeks ago and one man in particular continually threatened to kill him - stab him to the heart. Since coming here the voices have continued to annoy him - some are in the ward and some upstairs. Hears voices repeating the things he has just thought of.

1912. States he is persecuted by wireless telephones and that an X ray machine is worked upon him. Frequently noisy.

1915. Garrulous and very voluble about his being worked on by wireless telegraphy and by its means scandal is always being reported to him.

1923. Constantly describes how his system is being ruined by wireless operated from the Concert Hall and how his personality is transmitted by the same means to the female patients. Hyper-active and very talkative and has flight of ideas rendering it difficult to follow his statements.

1926. Garrulous and his conversation is rambling and difficult to follow. States that he is acted on by wireless and that he hears voices. Noisy at times. Works well.



No. 2211.

Profession: Railway porter.

Age: 40.

Diagnosis: Dementia praecox.

Height: 163.8

Weight: 54.4

MEASUREMENT:SKULL.

Horiz. Circum: 56.7  
 Sag. Diameter: 19.6  
 Frontal " 15.5  
 Vertical " 20.5  
 Height of Face: 7  
 Breadth " " 12/10.5  
 Length of Nose: 5.3

CIRCUMFERENCE: Chest: 80.2  
 Stomach: 71  
 Hips: 84.7  
 Forearm: 22.9  
 Hand: 19  
 Calf: 30.5

Length: Legs: 81 Arms: 70.3

Breadth: Shoulder: 37  
 Pelvis: 25.3

FACE & SKULL.Shape of Head: Low, rather flat. Frontal: Long egg-shape.Profile: Weakly arched.

Height  
 proportion: Middle face: 7  
 Chin: 5

Description: Indefinite.Nose: Small, straight.PHYSIQUE.Bones: Small.Stomach: Thin, prominent.Musculature: Poor.Pelvis: Small.Fat: Poor.Extremities: Thin.Shoulders: Narrow.Hands: Small.Neck: ThinFeet: Small, congested.Chest: Long, rather flat.Description: Lean.HAIR.Head hair: Bald on vertex.Trunk: Weak.Brows: Medium.Beard: Medium.Arms: Weak.Pubes: Weak.Armpits: Weak.Legs: Weak.Description: Slight tendency to varicosity of veins.

No. 2211.

ADMITTED: 29th. April, 1911. Age 24. Single.

Had attack of depression about age of 17-19 and thought of suicide. A few weeks previous to admission felt unable for work - thought the attitude of his friends had changed towards him. Refused food at home and was sent to the infirmary.

Was in a dull, stuporose state on admission - admitted hallucinations and was worried about a "great wrong" which appeared to be associated with remorse for going to too many dances, smoking and masturbating.

Gradually became less depressed, becoming fatuous, with a frequent meaningless grin and very offhand in manner. Greatly lacking in attention and displaying no interest in his surroundings.

Became faulty in habits and destructive to clothing.

Progressive deterioration of personality.

Is now irrational and disorientated, faulty and depraved in habits, hallucinated.

No. 2263.Age: 40.

Profession: Wireless operator.

Diagnosis: Dementia praecox.

Height: 167.6

Weight: 51.2

MEASUREMENT:SKULL.

Horiz. Circum: 57.5  
 Sag. Diameter: 20  
 Frontal " 15  
 Vertical " 20  
 Height of Face: 7.5  
 Breadth " " 12/11  
 Length of Nose: 5

CIRCUMFERENCE: Chest: 80.2  
 Stomach: 70.3  
 Hips: 84.8  
 Forearm: 23.8  
 Hand: 20.2  
 Calf: 28.6  
  
Length: Legs: 87 Arms: 74.5  
  
Breadth: Shoulder: 37.5  
 Pelvis: 28

FACE & SKULL.Shape of Head: Low.Frontal: Indefinite.Profile: Angular.

Height  
 proportion: Middle face: 7.5  
 Chin: 4

Description: Indefinite.

Nose: Straight, projecting.

PHYSIQUE.

Bones: Small.

Stomach: Thin.

Musculature: Poor.

Pelvis: Medium.

Fat: Poor.

Extremities: Thin.

Neck: Long, thin.

Hands: Small, long fingers.

Shoulders: Narrow.

Feet: Medium.

Chest: Thin, flat.

Description: Lean.HAIR.

Head hair: Brown, bald on  
 frontal region.

Trunk: A few over sternum.

Brown: Thin.

Arms: Weak.

Beard: Weak.

Pubes: Medium.

Armpits: Medium.

Legs: Strong.

Description:

No. 2263.

ADMITTED: 12th. July, 1911. Age 24. Single.

Was 10 years in Navy and passed an examination for Petty Officer.  
He was a wireless operator.

Peculiar in manner - realising he is in a Mental Hospital  
but displays no emotional reaction. Complains of vague pains in his  
body and states that he breathes through his penis.

Later became very depressed and threatened to commit suicide.

Later developed signs of hallucinations.

Has been impulsively violent from time to time. He is inac-  
cessible and is rambling and incoherent.

No. 2352.

Profession: Clock Repairer.

Age: 42.

Diagnosis: Dementia praecox.

Height: 168.9

Weight: 51.7

MEASUREMENT.SKULL.

Horiz. Circum: 54  
 Sag. Diameter: 18.5  
 Frontal " 14.5  
 Vertical " 18  
 Height of Face: 7.5  
 Breadth " " 10.6/ 9.5  
 Length of Nose: 5.5

CIRCUMFERENCE: Chest: 75.5  
 Stomach: 64  
 Hips: 82.5  
 Forearm: 21.8  
 Hand: 18.7  
 Calf: 32  
  
Length: Legs: 85.5 Arms: 73  
  
Breadth: Shoulder: 37.5  
 Pelvis: 29.2

FACE & SKULL.Shape of Head: Narrow.Frontal: Long egg shape.Profile: Well arched.

Height  
 proportion: Middle face: 7.5  
 Chin: 4.2

Description: Asthenic.Nose: Straight, prominent.PHYSIQUE.

Bones: Small.

Stomach: Thin, sagging.

Musculature: Poor.

Pelvis: Long.

Fat: Poor.

Extremities: Thin.

Neck: Thin.

Hands: Small, long thin fingers

Shoulders: Narrow.

Feet: Long, narrow.

Chest. Flat, Long.

Description: Lean.HAIR.Head hair: Brown, thin  
in patches.

Trunk: Nil.

Brows: Thin.

Beard: Medium.

Arms: Nil.

Pubes: Weak.

Armpits: Weak.

Legs: Nil.

Description: Weak secondary hair.

No. 2352.

ADMITTED: 14th. November, 1911. Age 26. Single.

Father in Long Grove.

Reached 5th. Standard at 13 years.

Apathetic and anergic - complained that for the last year he had felt worried and had done no work.

Done a little work but for the rest of the time stands about unoccupied. Puts down all his troubles to trying to ride up Reigate Hill on a bicycle - but his explanation varies from time to time and is always irrational.

Progressive dementia

Dull, unable to give his age, disorientated and practically inaccessible.

No. 2603.Age: 43.

Profession: Wesleyan pastor.

Diagnosis: Dementia praecox.

Height: 160.6

Weight: 55.7

MESAUREMENT.SKULL.

Horiz. Circum: 54.3  
 Sag. Diameter: 18.5  
 Frontal " 15  
 Vertical " 19  
 Height of Face: 7.2  
 Breadth " " 11/10  
 Length of Nose: 5.6

CIRCUMFERENCE: Chest: 79.5  
 Stomach: 72.5  
 Hips: 82  
 Forearm: 24.6  
 Hand: 18  
 Calf: 32.4

Length: Legs: 85 Arms: 71.5

Breadth: Shoulder: 35  
 Pelvis: 26

FACE & SKULL.Shape of Head: Narrow.Frontal: Long, shield-shape.

Profile: Arched, lower part  
 of face in advance.

Height  
 proportion: Middle face: 7.2  
 Chin: 4.7

Description: Small pyknic type..Nose: StraightPHYSIQUE.

Bones: Small.

Stomach: Flabby.

Musculature: Poor.

Pelvis: Narrow.

Fat: Poor.

Extremities: Medium.

Neck: Medium.

Hands: Medium.

Shoulders: Narrow.

Feet: Medium.

Chest: Flat and narrow.

Description: Lean.HAIR.

Head hair: Thin.

Trunk: Weak.

Brows: Weak.

Arms: Weak.

Beard: Medium.

Pubes: Medium.

Armpits: Weak.

Legs: Weak.

Description:

No. 2603.

ADMITTED: 13th. November, 1912. Age 29, having been  
in Napsbury since 10.11.11.

Had spent 6 years as theological student - was ordained 2 years previously but was dismissed after 3 months. He states this was due to his congregation being up against his methods in religion.

When admitted he was dull and self-absorbed - confused as to dates. Spoke of pressure in his head and strange voices. Had many mannerisms, grimaced, was destructive and frequently noisy and turned somersaults in the bed.

He has shown increasing dementia since and his answers to questions are now monosyllabic and irrelevant. He is completely disorientated for time and place, and appears to be completely lacking in practical relation to reality beyond attention to necessities as a result of frequent prompting.



No. 3359.Age: 35.

Profession: Engineer.

Diagnosis: Dementia praecox.

Height: 175.2

Weight: 61.2

MEASUREMENT.SKULL.

Horiz. Circum: 57  
 Sag. Diameter: 19.5  
 Frontal " 15.2  
 Vertical " 19.1  
 Height of Face: 7.8  
 Breadth " " 12.1/10.2  
 Length of Nose: 5

CIRCUMFERENCE: Chest: 89.7  
 Stomach: 80.5  
 Hips: 89  
 Forearm: 23  
 Hand: 19.8  
 Calf: 33.2  
  
Length: Legs: 88.2 Arms: 75.6  
  
Breadth: Shoulder: 40  
 Pelvis: 29

FACE & SKULL.

Shape of Head: Broad.  
 Occiput well rounded.  
 Low forehead.

Profile: Arched.Description: Indefinite.Frontal: Indefinite, shield shape.

Height  
 proportion: Middle face: 7.8  
 Chin: 4.5

Nose: Turned up, jutting out  
 of profile.

PHYSIQUE:

Bones: Medium.

Musculature: Fair.

Fat: Poor.

Neck: Medium.

Shoulders: Broad.

Chest: Medium.

Description: Lean.

Stomach: Thin, "sagging".

Pelvis: Medium.

Extremities: Medium.

Hands: Small, long, thin fingers.

Feet: Long.

HAIR.

Head hair: Growing into  
 forehead and nape

Brows: Narrow.

Beard: Medium.

Pubes: Medium.

Armpits: Medium.

Description:

Trunk: A few on chest.  
 Strong below umbilicus.

Arms: Weak.

Legs: Medium.

No. 3359.

ADMITTED: 13th. April, 1916. Age 24. Single.

Reported to have been slow at school.

Silly and irrational, laughs foolishly and has many mannerisms and fantastic ideas. Declares that he is changing his nature and that his family are being exalted and that his brother is going to be King. Hallucinated and hears voices continuously. Has strange feelings like electricity on him.

Negativistic at times.

Progressive deterioration.

Now dull and solitary and almost inaccessible. At times impulsive. Evidence of hallucinations. Unemployed.

No. 3401.

Profession: Metal polisher.

Age: 37

Diagnosis: Dementia praecox.

Height: 170.1

Weight: 53.

MEASUREMENT.SKULL.

Horiz. Circum: 53.5  
 Sag. Diameter: 19  
 Frontal " 14.2  
 Vertical " 20.6  
 Height of Face: 8  
 Breadth " " 10.5/9.5  
 Length of Nose: 5.6

CIRCUMFERENCE: Chest: 79.8  
 Stomach: 67.5  
 Hips: 81  
 Forearm: 23.9  
 Hand: 19.8  
 Calf: 28.7

Length: Legs: 88.5 Arms: 74.8

Breadth: Shoulder: 39  
 Pelvis: 28

FACE & SKULL.

Shape of Head. Narrow,  
 rather high.

Frontal: Long egg shape.

Profile: Arched.

Height  
 proportion: Middle face: 8  
 Chin: 4.5

Description: Asthenic.

Nose: Straight, prominent.

PHYSIQUE.

Bones: Medium.

Stomach: Thin.

Musculature: Medium.

Pelvis: Medium.

Fat: Poor.

Extremities: Thin.

Neck: Thin.

Hands: Medium, congested,  
 long fingers.

Shoulders: Fair.

Feet: Long, narrow.

Chest: Medium.

Description: Lean.

HAIR.

Head hair: Brown.

Trunk: Weak.

Brows: Medium.

Arms: Weak.

Beard: Medium.

Pubes: Medium.

Legs: Weak.

Armpits: Weak.

Description: Acne.  
 Marked varicosity of veins on both legs.

No. 3401.

ADMITTED: 27th. June, 1916. Age 26.

Restless, talkative, noisy and abusive on admission.

Nycturistic. Has many mannerisms. Gives evidence of hallucinations.

Now solitary and disinterested. Memory poor and disorientated for time and place. Auditory hallucinations. At times noisy and obscene under their influence. Slovenly and untidy.

No. 3553.Age: 44.

Profession: Warehouse porter.

Diagnosis: Dementia Praecox.

Height: 167.

Weight: 57.6

MEASUREMENT.SKULL.

Horiz. Circum: 57.3  
 Sag. Diameter: 20.2  
 Frontal " 15  
 Vertical " 19.8  
 Height of Face: 8  
 Length of Nose: 5.5  
 Breadth of Face 12/11

CIRCUMFERENCE: Chest: 82.5  
 Stomach: 67  
 Hips: 82  
 Forearm: 22.8  
 Hand: 18.5  
 Calf: 32.8

Length: Legs: 89 Arms: 75

Breadth: Shoulder: 38  
 Pelvis: 29

FACE & SKULL.Shape of Head: Medium.Frontal: Egg shape.Profile: Angular.

Height proportion: Middle face: 8  
 Chin: 4.6

Description: Asthenic.Nose: Straight, very prominent.PHYSIQUE.

Bones: Small.

Stomach: Thin.

Musculature: Poor.

Pelvis: Medium.

Fat: Not marked.

Extremities: Medium.

Neck: Long, thin.

Hands: Long, thin.

Shoulders: Narrow.

Feet: Long.

Chest: Long and flat.

Description: Lean.HAIR.

Head hair: Growing into  
 temples & neck.

Trunk: None above umbilicus.

Brows: Thin.

Beard: Medium.

Arms: Medium.

Pubes: Medium.

Armpits: Medium.

Legs: Medium.

Description: Discharging sinus right gluteal region.

No. 3553.

ADMITTED: 17th. April, 1917. Age 34. Single.

Involved in his account of himself. For many months has been worried by the traffic. Has delusions of reference and thinks that he was referred to in the newspapers and went to Bow Street to complain. Says he heard peculiar voices speaking to him. Dull and anergic. States that he has a tingling sensation in his head which reminds him of General French.

Was very noisy at times under influence of hallucinations.

Now. Troubled with voices in his head, says he swallowed a mouse some time ago.

No. 3587.

Profession: Post Office sorter.

Age: 53.

Diagnosis: Paraphrenia.

Height: 175.2

Weight: 61.6

MEASUREMENT.SKULL.

Horiz. Circum: 56.5  
 Sag. Diameter: 20  
 Frontal " 14.5  
 Vertical " 20  
 Height of Face: 8.8  
 Breadth " " 11.5/10.5  
 Length of Nose: 6

CIRCUMFERENCE:

Chest: 86  
 Stomach: 73  
 Hips: 87  
 Forearm: 23.5  
 Hand: 20.8  
 Calf: 32.6  
 Length: Legs: 90 Arms: 78  
 Breadth: Shoulder: 39  
 Pelvis: 29.5

FACE & SKULL.

Shape of Head: Low forehead,  
 flat.

Frontal: Long egg shape.

Profile: Angular.  
 Small chin.

Height  
 proportion: Middle face: 8.8  
 Chin: 4

Description: Asthenic.

Nose: Large, blunt.  
 Injected at end.

PHYSIQUE.

Bones: Small.

Stomach: Thin.

Musculature: Poor.

Pelvis: Narrow.

Fat: Almost absent.

Extremities: Long, thin.

Neck: Long, thin.

Hands: Large, strong fingers.

Shoulders: Narrow, for size.

Feet: Large

Chest: Long, flat.

Description: Lean.

HAIR.

Head hair: Black.

Trunk: Weak above umbilicus.

Brows: Medium.

Arms: Nil.

Beard: Medium.

Pubes: Medium

Armpits: Weak.

Legs: Nil.

Description: Rather weak hair.

No. 3587.

ADMITTED: 20th. June, 1917. Age 44. Married.

Declares that for some time he has felt a change going on in him. One day, after thinking about writing to Mr. Lloyd George on the proper administration of the country, he felt a peculiar influence or tension go through him, probably by his blood channels, and that he knew he was the Son of God. He then believes he became invisible to those around him for a time, and he insists that he has seen God in the clouds. He thinks he is picked out as "the second coming of Christ" and is going to end the war. He grins when relating this but at other times he appears depressed. He is restless and noisy, especially at night, and is often foolishly arrogant and truculent.

1919. Writes saying he is pregnant, signs one of his letters "Jesus". States he communicates with Christabel Pankhurst by occult means.

1923. Grandiose in manner. Says he has done much good work as a spiritualist here, obtaining better conditions for patients and staff. Maintains that he receives wireless messages through his penis.

1926. Retains all his delusions, solitary and reserved.



No. 3590.

Profession: Builder's labourer.

Age: 49.

Diagnosis: Paraphrenia.

Height: 151.2

Weight: 49.8

MEASUREMENT.SKULL.

Horiz. Circum: 54.6  
 Sag. Diameter: 18.6  
 Frontal " 14.9  
 Vertical " 19.9  
 Height of Face: 8  
 Breadth " " 11/10  
 Length of Nose: 5.8

CIRCUMFERENCE: Chest: 88.7  
 Stomach: 74.2  
 Hips: 82  
 Forearm: 23  
 Hand: 20  
 Calf: 30  
  
Length: Legs: 78.3 Arms: 68  
  
Breadth: Shoulder: 36  
 Pelvis: 28

FACE & SKULL.Shape of Head: Flat.Frontal: Long egg shape.Profile: Curved, small chin.

Height  
 proportion: Middle face: 8  
 Chin: 4

Description: Asthenic.Nose: Curved, beak-like, prominent.PHYSIQUE.

Bones: Small.

Stomach. Poor tone.

Musculature: Fair

Pelvis: Medium.

Fat: Poor.

Extremities: Fair development.

Neck: Medium.

Hands: Broad, strong fingers.

Shoulders: Narrow.

Feet: Long, narrow.

Chest: Flat, broad for size.

Description: Lean. Small stature a dysplastic feature.HAIR.

Head hair: Bald on vertex.

Trunk: Weak.

Brows: Weak, especially  
outer end.

Beard: Medium.

Arms: Weak.

Pubes: Medium.

Armpits: Weak.

Legs: Weak.

Description: Note baldness and weak eyebrows.

No. 3590.

ADMITTED: 23rd. June, 1917. Age 40. Married.

Poorly orientated and his memory impaired for dates. Realises his position in a very matter of fact way.

Sent to Warrington War Hospital last November when he states his mind went "muddly", was confused and everything seemed to cloud over his head. He thinks he heard people talking about him. Was discharged, hallucinated, still unfit.

Found at home that strangers in the street spoke about him.

After admission thought patients were talking about him and accusing him of having venereal disease. Unable to make up his mind about things.

1920. Has grandiose ideas combined with delusions of a persecutory nature. Thinks he is a member of the staff and resents interference.

1921. Morbidly introspective, solitary in habits, suspicious of those about him and believes that people go out of their way to annoy him. Auditory hallucinations.

1923. Dull and apathetic - answers questions in an evasive way. Constantly answering imaginary voices.

1926. Dull, solitary, obstinate and has no interests. Evasive and suspicious and speech soon becomes incoherent. At times laughs fatuously at others obscene and hostile as if the "voices" were abusing him.

No. 3566.Age: 36.

Profession: Farm Assistant.

Diagnosis: Dementia praecox.

Height: 172.7

Weight: 49.4

MEASUREMENT.SKULL.

Horiz. Circum: 57.5  
 Sag. Diameter: 20  
 Frontal " 15.2  
 Vertical " 20.1  
 Height of Face: 8  
 Breadth " " 11.5/10.5  
 Length of Nose: 5.5

CIRCUMFERENCE: Chest: 82  
 Stomach: 64  
 Hips: 81.3  
 Forearm: 23  
 Hand: 19.3  
 Calf: 28.3  
  
Length: Legs: 88.1 Arms: 74  
  
Breadth: Shoulder: 36  
 Pelvis: 29.1

FACE & SKULL.

Shape of Head: Medium breadth.  
 Well rounded occipital region.

Profile: Well arched.Description: Asthenic.

Frontal: Long egg shape.  
 Prominent malar bones.

Height  
 proportion: Middle face: 8  
 Chin: 5

Nose: Curved, prominent.

PHYSIQUE.

Bones: Small.

Musculature: Poor.

Fat: Almost absent.

Neck: Thin

Shoulders: Narrow.

Chest: Long, flat.

Description:

Stomach: Thin.

Pelvis: Narrow.

Extremities: Thin.

Hands: Small, thin fingers.

Feet: Large, congested.

HAIR.

Head hair: Black, thick.

Brows: Narrow.

Beard: Medium.

Pubes: Strong.

Armpits: Medium.

Description:

Trunk: A few over sternum and  
 over sacrum.

Arms: Medium.

Legs: Medium.

No. 3566.

ADMITTED: 26th. May, 1917. Age 27.

Stated when young he came to London to pass an examination but failed and since then has idled about his father's house.

He lays in bed not volunteering to speak. Talked in a silly fashion of the voices he had heard and the heads he had seen at windows - mentioned God's voice. Has no interest in his surroundings. Faulty in habits.

Has remained dull and apathetic - untidy and frequently faulty. States that he hears voices saying pleasant and unpleasant things to him. At times he is impulsively violent.

No. 3655.

Profession: Music teacher.

Age: 45.

Diagnosis: Paraphrenia.

Height: 171.4

Weight: 60.3

MEASUREMENT.SKULL.

Horiz. Circum: 55  
 Sag. Diameter: 19  
 Frontal " 14.5  
 Vertical " 20.5  
 Height of Face: 8  
 Breadth " " 12/10  
 Length of Face: 6

CIRCUMFERENCE:

Chest: 86  
 Stomach: 74  
 Hips: 88.2  
 Forearm: 24.2  
 Hand: 20.6  
 Calf: 32.4

Length: Legs: 93.5 Arms: 79.2

Breadth: Shoulder: 40  
 Pelvis: 30

FACE & SKULL.

Shape of Head: Medium.  
 Occiput rounded.

Frontal: Long, narrow egg shapeProfile: Arched.

Height  
 proportion: Middle face: 8  
 Chin: 4.5

Description: Asthenic.

Nose: Curved, large, prominent.

PHYSIQUE.

Bones: Medium.

Stomach: Poor tone.

Musculature: Fair.

Pelvis: Medium.

Fat: Not marked.

Extremities: Thin.

Neck: Long, thin.

Hands: Broad, congested.

Shoulders: Broad.

Feet: Large.

Chest: Rather flat.

Description: Lean. Dysplastic length of leg.HAIR.

Head hair: Bald on occiput.

Trunk: Nil above umbilicus.

Brows: Weak.

Beard: Medium.

Arms: Weak.

Pubes: Medium.

Armpits: Medium.

Legs: Weak.

Description:

No. 3655.

ADMITTED: 26th. September, 1917. Age 35.

Stated that following air raids he became worried and upset - could not sleep and lost his energy. Believed that a thinking machine was put on him, and he hears voices repeating his thoughts. He states he has been watched and that holes have been bored in the walls. Heard voices telling him to kill himself, which he attempted to do by cutting his throat.

. He is now very irrational - states he puts the "diphthongs on the black and white notes of the piano so as not to alter the English language." Self-satisfied. Evidence of auditory hallucinations.

No. 3797.

Profession: Ex-soldier.

Age: 27.

Diagnosis: Dementia praecox.

Height: 162.5

Weight: 50.8

MEASUREMENT.SKULL.

Horiz. Circum: 54.2  
 Sag. Diameter: 18.3  
 Frontal " 14.6  
 Vertical " 20  
 Height of Face: 7.2  
 Breadth " " 10/9.6  
 Length of Nose: 5.5

CIRCUMFERENCE:

Chest: 80  
 Stomach: 74.5  
 Hips: 82.9  
 Forearm: 22.7  
 Hand: 18.3  
 Calf: 31

Length: Legs: 88.8 Arms: 71.2

Breadth: Shoulder: 35  
 Pelvis: 27

FACE & SKULL.

Shape of Head: High, flat,  
 narrow.

Frontal: Short egg shape.  
 "Squashed" appearance.

Profile: Indefinite,  
 almost straight.

Height  
 proportion: Middle face: 7.2  
 Chin: 5

Description: Dysplastic  
 features.

Nose: Displaced to right.

PHYSIQUE.

Bones: Thin.

Stomach: Flabby - enteroptosis

Musculature: Poor.

Pelvis: Medium.

Fat: Poor.

Extremities: Medium.

Neck: Thin.

Hands: Small, congested.

Shoulders: Narrow.

Feet: Small.

Chest: Flat, narrow.

Description: Lean.

HAIR.

Head hair: Medium.

Trunk: Weak.

Brows: Narrow.

Arms: Medium.

Beard: Poor.

Pubes: Medium.

Legs: Medium.

Armpits: Medium.

Description:

No. 3797.

ADMITTED: 8th. August, 1918.

Was transfereed from Military Hospital.

He was mute and refused to answer questions. He stared rigidly in front of him. At times impulsively attacked the staff.

He has remained dull and anergic and very rarely speaks. Frequently impulsive, he is wet in habits and quite unemployable.



No. 3973.Age: 39.

Profession: Clerk.

Diagnosis: Dementia paranoides.

Height: 171

Weight: 51.6

MEASUREMENT.SKULL.

Horiz. Circum: 58.2  
 Sag. Diameter: 21  
 Frontal " 14.5  
 Vertical " 21  
 Height of Face: 8  
 Breadth " " 11.5/9.5  
 Length of Nose: 6.5

CIRCUMFERENCE: Chest: 81  
 Stomach: 71  
 Hips: 82.2  
 Forearm: 23  
 Hand: 18.8  
 Calf: 31  
  
Length† Legs: 88.8 Arms: 76.6  
  
Breadth: Shoulder: 39.2  
 Pelvis: 27

FACE & SKULL.

Shape of Head: Low.  
 Prominent occiput.

Profile: Angular.Frontal: Long egg shape.

Height  
 proportion: Middle face: 8  
 Chin: 4.6

Description: "Asthenic".

Nose: Curved, prominent.

PHYSIQUE.

Bones: Small  
 Musculature: Poor  
 Fat: Poor.  
 Neck: Long, thin.  
 Shoulders: Medium.  
 Chest: Long, flat, narrow.

Stomach: Lax.  
 Pelvis: Narrow.  
 Extremities: Long, thin.  
 Hands: Small, thin fingers.  
 Feet: Medium.

Description:HAIR.

Head hair: Thick.  
 Brows: Thin.  
 Beard: Thick.  
 Pubes: Thick, long.  
 Armpits: Medium.

Trunk: Thick on chest and  
 shoulders, and over scapulae.  
  
 Arms: Thick.  
  
 Legs: Thick.

Description: Marked hairiness of trunk and extremities.

No. 3973.

ADMITTED: 9th. August, 1919. Age 32. Single.

Conscious and well orientated, and gives a clear and connected account of himself. Talks in an affected way. States he has been persecuted by the police for years. They have him and those about him under an influence, compelling them to do things against their will. Thoughts repulsive to him are put into his head. Attributes this influence to the for drugs and electricity. He thinks he is used as a "telephone" to injure other people.

1926. Dull, solitary, self-centred and unoccupied. His conversation is irrational, and he only speaks when addressed. He states that wireless passes through him for an "indecent purpose", and that other people's vapour is put into him. He believes there are chemicals in his food which are acted on by wireless in his stomach. He has auditory hallucinations and he has visions of "sparks" at times. He rocks himself from side to side in order to avoid the vapours.

No. 4143.

Profession: Office Boy.

Age: 24.

Diagnosis: Dementia praecox.

Height: 160

Weight: 56.2

MEASUREMENT.SKULL.

Horiz. Circum: 56  
 Sag. Diameter: 19  
 Frontal " 14.5  
 Vertical " 21  
 Height of Face: 9  
 Breadth " 12/10.2  
 Length of Nose: 6

CIRCUMFERENCE:

Chest: 84.6  
 Stomach: 69  
 Hips: 83  
 Forearm: 21.5  
 Hand: 17.8  
 Calf: 31.9

Length: Legs: 90 Arms: 73.5

Breadth: Shoulder: 33  
Pelvis: 28

FACE & SKULL.

Shape of Head: Medium.  
 Occiput rounded.

Frontal: Long egg shape.Profile: Weakly arched.

Height  
 Proportion: Middle face: 9  
 Chin: 4.6

Description: Long mid face.

Nose: Straight, not very prominent.

PHYSIQUE.

Bones: Small.

Stomach: Thin.

Musculature: Poor.

Pelvis: Narrow.

Fat: Poor.

Extremities: Thin.

Neck: Thin.

Hands: Small, congested.

Shoulders: Narrow.

Feet: Large, congested.

Chest: Long, flat, narrow.

Description: Lean.HAIR.

Head hair: Growing into  
 temples and neck.

Trunk: Over sacral and gluteal  
 regions.

Brows: Thick, meeting  
 in mid line.

Beard: Medium.

Arms: Weak.

Pubes: Feminine distribution.

Armpits: Medium.

Legs: Downy.

Description: Persistence of primary hair?

No. 4143.

ADMITTED: 2nd. July, 1920. Age 17. Single.

Dull and disinterested - many mannerisms and obviously hallucinated. He will not speak but understands the meaning of orders. Habits faulty and degraded.

Reached 7th. Standard at school.

Disease reported to have commenced a year ago with neurasthenia.

Increasing deterioration. Dirty and untidy, mumbles to himself. Stands in a bent decrepit attitude.

No. 4215.Age: 32.

Profession: Office boy.

Diagnosis: Dementia praecox.

Height: 167.6

Weight: 58.9

MEASUREMENT.SKULL.

Horiz. Circum: 56.7  
 Sag. Diameter: 20  
 Frontal " 15.4  
 Vertical " 20  
 Height of Face: 8  
 Breadth " " 10.3/9.8  
 Length of Nose: 5.3

CIRCUMFERENCE: Chest: 82.5  
 Stomach: 71  
 Hips: 85.7  
 Forearm: 23.5  
 Hand: 20  
 Calf: 30.8  
 Length: Legs: 83.8 Arms: 73  
 Breadth: Shoulder: 32  
 Pelvis: 29

FACE & SKULL.

Shape of Head: Rather straight  
 occiput.

Profile: Well arched.

Description: Asthenic.

Frontal: Egg shape.

Height  
 proportion: Middle face: 8  
 Chin: 4.5

Nose: Straight, prominent.

PHYSIQUE.

Bones: Small.

Musculature: Poor.

Fat: Poor.

Neck: Medium.

Shoulders: Narrow.

Chest: Narrow, long,  
 projecting sternum.

Description: Lean.

Stomach: Sagging.

Pelvis: Medium.

Extremities: Thin.

Hands: Small.

Feet: Broad.

HAIR.

Head hair: Bushy.

Brows: Thick, meeting in  
 mid line.

Beard: Medium.

Pubes: Female distribution.

Armpits: Weak.

Trunk: Nil.

Arms: Weak.

Legs: Medium.

Description:

No. 4215.

ADMITTED: to Horton 20th. May, 1912.  
and Long Grove 22nd. December

Dull and apathetic, disinterested in his surroundings.

Mutters to himself in an incoherent manner.

Understands what is said to him but takes a long time to answer. Exhibits numerous mannerisms. Habits are faulty and degraded.

Sister stated to be certified.

Now marked dementia and quite unable to enter into conversation.  
Unemployed and very untidy.

No. 4388.Age: 30.

Profession: Ex-soldier.

Diagnosis: Dementia praecox.

Height: 176.5

Weight: 58.5

MEASUREMENT.SKULL.

Horiz. Circum: 56.2  
 Sag. Diameter: 20.3  
 Frontal " 14.5  
 Vertical " 20.5  
 Height of Face: 8.2  
 Breadth " " 11/10.2  
 Length of Nose: 5.6

CIRCUMFERENCE:

Chest: 84  
 Stomach: 78.2  
 Hips: 87.4  
 Forearm: 26  
 Hand: 20.9  
 Calf: 33  
 Length: Legs: 94.7 Arms: 79  
 Breadth: Shoulder: 41  
 Pelvis: 29

FACE & SKULL.Shape of Head: Medium.Frontal: Long egg shape.Profile: Arched.

Height  
 proportion: Middle face: 8.2  
 Chin: 4.5

Description: Asthenic.Nose: Small, straight, prominent.PHYSIQUE.

Bones: Medium.

Stomach: Thin.

Musculature: Poor.

Pelvis: Medium.

Fat: Poor.

Extremities: Thin.

Neck: Thin.

Hands: Medium.

Shoulders: Broad, sloping.

Feet: Large.

Chest: Flat, narrow.

Description: Lean.HAIR.

Head hair: Medium.

Trunk: Weak.

Brows: Medium.

Arms: Weak.

Beard: Medium.

Pubes: Medium.

Legs: Weak.

Armpits: Medium.

Description: Dry, scaly skin.

No. 4388.

ADMITTED: 4th. November, 1921. Age 24.

Dull and disinterested - disorientated, due to attention defect. States he has heard people talking about him - hears voices as if they struck him with a tin. Hears other voices which he thinks may be God's. Saw a woman running round his bed.

Has remained much the same but now thinks that he is Jesus Christ and adds that God sometimes talks to him. Quite disorientated. Offhand and unemployed.



No. 4429.Age: 69.

Profession: Silk hatter.

Diagnosis: Senile. (Syntonic)

Height: 163.8

Weight: 53.9

MEASUREMENT:SKULL.

Horiz. Circum: 56.3  
 Sag. Diameter: 19.5  
 Frontal " 14.9  
 Vertical " 19.6  
 Height of Face: 8  
 Breadth " " 11.9/10.6  
 Length of Nose: 5.4

CIRCUMFERENCE: Chest: 83  
 Stomach: 74.5  
 Hips: 84.9  
 Forearm: 22.8  
 Hand: 19.6  
 Calf: 30

Length: Legs: 86.3 Arms: 74

Breadth: Shoulder: 39  
 Pelvis: 28

FACE & SKULL.Shape of Head: Domed.Frontal: Long shield-shape

Profile: Weakly curved.  
 Sloping forehead.

Height  
 proportion: Middle face: 8  
 Chin: 4

Description: Pyknic.

Nose: Straight, not prominent.

PHYSIQUE.

Bones: Small.

Stomach: "Sagging".

Musculature: Poor.

Pelvis: Narrow.

Fat: Poor.

Extremities: Thin.

Neck: Thin.

Hands: Medium, cyanosed.

Shoulders: Sloping.

Feet: Medium.

Chest: Flat.

Description: Lean.HAIR.

Head hair: Grey.

Trunk: Weak.

Brows: Thick.

Beard: Medium.

Arms: Nil.

Pubes: Long.

Armpits: Weak.

Legs: Nil.

Description: Secondary hair on body affected by senile changes but it should be noted that there is no baldness or weakness of (eyebrows).  
 Double hydrocele.  
 Arteries thickened.

No. 4429.

ADMITTED: 9th. February, 1922. Age 65. Married.

States he had attack of depression about 20 years ago but remained at home.

Dull, depressed and apathetic and has little interest in his surroundings. Rather apprehensive at times and appears as if hallucinated. He had attempted to commit suicide at home by hanging, as he felt that people were tired of him there. Says he has always been nervous and easily moved to tears.

7th. MAY, 1925. Has remained depressed and miserable but recently has shown some improvement and he does some ward work.

1926. Solitary and introspective. At times becomes sleepless, when he complains of his thoughts wandering. He admits he becomes nervous and apprehensive, especially if he thinks he is going to another ward, but at the same time does not believe that this would occur if he were discharged.

No. 4451.

Profession: Wood cutter.

Age: 24.

Diagnosis: Dementia praecox.

Height: 160

Weight: 48.5

MEASUREMENT:SKULL.

Horiz. Circum: 55.1  
 Sag. Diameter: 19  
 Frontal " 14.5  
 Vertical " 20  
 Height of Face: 7.5  
 Breadth " " 11.5/11  
 Length of Nose: 5

CIRCUMFERENCE: Chest: 79.5  
 Stomach: 66.3  
 Hips: 80  
 Forearm: 20  
 Hand: 19  
 Calf: 31.3

Length: Legs: 86 Arms: 75

Breadth: Shoulder: 36.5  
 Pelvis: 25.5

FACE & SKULL.Shape of Head: Medium.Frontal: Shield-shape.Profile: Well arched.

Height proportion: Middle face: 7.5  
 Chin: 4

Description: Indefinite.

Nose: Straight, prominent.

PHYSIQUE.

Bones: Small.

Stomach: Thin.

Musculature: Poor.

Pelvis: Infantile.

Fat: Almost absent.

Extremities: Thin.

Neck: Thin, short.

Hands: Small, congested.

Shoulders: Narrow.

Feet: Long, congested.

Chest: Long, flat, narrow.

Description:HAIR.

Head hair: Thick.

Trunk: Nil.

Brows: Medium, meet in mid line.

Beard: Weak.

Arms: Weak downy.

Pubes: Feminine distribution.

Armpits: Medium.

Legs: Downy.

Description: Persistence of primary hair?

No. 4451.

ADMITTED: 31st. March 1922. Age 19. Single.

Dull and anergic, seldom speaks above a whisper. Said he was very wretched - that he heard God's voice. Habits faulty.

Progressive deterioration - devoid of all interest - negativistic and inaccessible - depraved and faulty.

No. 4579.Age: 38.

Profession: Carpenter.

Diagnosis: Dementia praecox.

Height: 175.2

Weight: 59.4

MEASUREMENT.SKULL.

Horiz. Circum: 57.5  
 Sag. Diameter: 20.2  
 Frontal " 15.2  
 Vertical " 21  
 Height of Face: 8  
 Breadth " " 12/11  
 Length of Nose: 6

CIRCUMFERENCE. Chest: 90  
 Stomach: 73  
 Hips: 84.8  
 Forearm: 24.2  
 Hand: 20.2  
 Calf: 32.1

Length: Legs: 96 Arms: 83.1

Breadth: Shoulder: 40.5  
 Pelvis: 29

FACE & SKULL.

Shape of Head: Low.  
 Well rounded occiput.

Frontal: Right side left  
 Indefinite shield-shape.

Profile: Weakly arched.

Height proportion: Middle face: 8  
 Chin: 4

Description: Dysplastic  
 asymmetry.

Nose: Straight. Not very prominent.

PHYSIQUE.

Bones: Medium.

Stomach: Sagging.

Musculature: Poor.

Pelvis: Narrow.

Fat: Poor.

Extremities: Thin. Congested.

Neck: Short, Thick

Hands: Long, congested.

Shoulders: Broad.

Feet: Long.

Chest: Flat.

Description: Dysplastic length of leg - broad shoulders.  
 Poor Musculature.

HAIR.

Head hair: Thick.

Trunk: Weak.

Brows: Weak.

Arms: Weak.

Beard: Weak.

Pubes: Weak.

Armpits: Weak.

Legs: Weak.

Description: Weak secondary hair except on scalp.

No. 4579.

ADMITTED: 26th. February 1910. Age 21. Single.

Restless on admission - thought masturbation had made something go wrong in his head. Silly and grimacing. Admits a "row" at home with his mother and threatened to kill her because someone had scratched his pipes.

Believed that he had animals and glass tubes inside him, which were injected by his father. Lacking in interest in his surroundings.

Is now becoming faulty in habits, lacking in interest, and still maintains he has a rat inside him. Many mannerisms.

No. 4651.

Profession: Watch-maker.

Age: 54.

Diagnosis: Paraphrenia.

Height: 173.9

Weight: 56.2

MEASUREMENT.SKULL.

Horiz. Circum: 55.2  
 Sag. Diameter: 19.5  
 Frontal " 14.2  
 Vertical " 18  
 Height of Face: 8  
 Breadth " " 11/10  
 Length " Nose: 6.3

CIRCUMFERENCE: Chest: 82.5  
 Stomach: 76  
 Hips: 88.9  
 Forearm: 22.4  
 Hand: 19.1  
 Calf: 29.9

Length: Legs: 92 Arms: 79

Breadth: Shoulders 38  
 Pelvis: 28.2

FACE & SKULL.

Shape of Head: Narrow.  
 Low forehead,  
 rather flat.

Frontal: Egg shape.Profile: Angular.

Height proportion: Middle face: 8  
 Chin: 4

Nose: Large, prominent.

Description: Asthenic.PHYSIQUE.

Bones: Small.

Stomach: Lax.

Musculature: Poor.

Pelvis: Broad.

Fat: Poor.

Extremities: Long, thin.

Neck: Long, thin.

Hands: Long, thin fingers.

Shoulders: Narrow.

Feet: Broad, rather congested.

Chest: Flat, long and narrow.

Description: Dysplastic length of limb and broad pelvis.HAIR.

Head hair: Grey, bald on vertex.

Trunk: Weak.

Brows: Weak.

Arms: Weak.

Beard: Weak.

Pubes: Medium.

Armpits: Weak.

Legs: Weak.

Description: Chronic otitis media, both ears.

No. 4651.

ADMITTED: 22nd. March, 1923. Age 51. Single.

Has probably been psychotic for last 8 to 9 years. Well orientated and memory good. Says he is the subject of a plot by R.C's to keep him from getting a property which was left him by his uncle. He thinks he has heard this through the talking and thought reading machine which he says he wears day and night. He thought the authorities at Gordon Road Institution were using his money, and so he went to the police, taking his discharge from that infirmary after a year.

Suffers from Bronchitis - reported to have had "brain fever" in youth. Admits he has been intemperate at times.

1925. Exalted - says he is one of the finest singers in the world. He is actively hallucinated, his thoughts are by a machine. Hostile and suspicious, abusive and accuses the Superintendent of having thousands of machines on him.

17/9/1926. Says he is Lord of the Manor of the estates and will have everybody turned out of the institution.

Still complains of thought making machines.



No. 4664.Age: 48.

Profession: Plateman.

Diagnosis: Paraphrenia.

Height: 157.4

Weight: 50.8

MEASUREMENT.SKULL.

Horiz. Circum: 53.2  
 Sag. Diameter: 18.6  
 Frontal " 13.5  
 Vertical " 19.2  
 Height of Face: 7.3  
 Breadth " " 11/9.3  
 Length of Nose: 5.1

CIRCUMFERENCE: Chest: 76  
 Stomach: 73.5  
 Hips: 85.9  
 Forearm: 22.2  
 Hand: 20  
 Calf: 30

Length: Legs: 80 Arms: 70.2

Breadth: Shoulder: 34.5  
 Pelvis: 29

FACE & SKULL.

Shape of Head: Narrow.  
 Rather flat.

Frontal: Small egg-shape.

Profile: Angular.

Height proportion: Middle face: 7.3  
 Chin: 4

Description: Asthenic.

Nose: Large and prominent.

PHYSIQUE.

Bones: Small.

Stomach: Lax.

Musculature: Poor.

Pelvis: Broad.

Fat: Poor.

Extremities: Legs "sturdy"  
 Arms poor.

Neck: Thin, Long.

Hands: Congested, long.

Shoulders: Narrow.

Feet: Long.

Chest: Flat, thin.

Description: Broad pelvis.

HAIR.

Head hair: Brown-grey, thick.

Trunk: Weak.

Brows: Medium.

Arms: Weak.

Beard: Medium.

Pubes: Medium.

Armpits: Medium.

Legs: Weak.

Description:

No. 4664.

ADMITTED: 31st. March 1923. Age 45. Single.

Stated that about a month before admission he became sleepless, easily worried and had to give up work. Dull, depressed and solitary in his habits. Well orientated and with no memory defect. Harbours persecutory ideas against everybody and thinks that people standing about near his home were collected there to do him harm. He states that they followed him. Declares that he hears people accusing him of being dirty underneath and calling out "kill him." They have put fleas on him and accused him of being verminous. He thinks one of the fleas has got into his right ear and is the cause of the peculiar hissing sounds in his head.

1924. States that people outside are playing with his body and putting a magnetic apparatus on it. He can hear them day and night.

1925. States his brothers and whole family are here acting as nurses and that Brimstone and other poisons are put into his body by the "wireless affair."

1926. Retains his former delusions and is hallucinated. Refuses to employ himself because the "wires" are put on him.

No. 4705.

Profession: Builders' labourer.

Age: 31.

Diagnosis: Dementia paranoides?

Height: 165.1

Weight: 56.2

MEASUREMENT.SKULL.

Horiz. Circum: 55.5  
 Sag. Diameter: 19  
 Frontal " 15  
 Vertical " 20  
 Height of Face: 8  
 Breadth " " 11/10  
 Length of Nose: 6.2

CIRCUMFERENCE:

Chest: 85.7  
 Stomach: 71  
 Hips: 82  
 Forearm: 23.7  
 Hand: 20  
 Calf: 32.1

Length: Legs: 84.3 Arms: 76

Breadth: Shoulder: 36.5  
 Pelvis: 29.6

FACE & SKULL.Shape of Head: Medium.Frontal: Long egg shape.Profile: Angular.

Height proportion: Middle face: 8  
 Chin: 4.2

Description: Asthenic.Nose:PHYSIQUE.

Bones: Small.

Stomach: Lax.

Musculature: Fair.

Pelvis: Medium.

Fat: Poor.

Extremities: Legs good development.  
 Arms fair "

Neck: Medium.

Hands: Medium, thin fingers.

Shoulders: Narrow.

Feet: Medium.

Chest: Flat, long.

Description: Lean.HAIR.

Head hair: Brown, thick

Trunk: A few over sternum and round nipples.

Brows: Medium.

Arms: Medium.

Beard: Medium.

Pubes: Thick.

Legs: Medium.

Armpits: Medium.

Description:

No. 4705.

ADMITTED: 16th. July 1923. Age 28. Single.

Correctly orientated. He states that for two months he has been agitated and apprehensive. He says there is a gang of men after him. He has heard them talking about him and also other men, saying they were going to bang him. He thinks they will kill him with bars of iron. He has not gone out by day recently as a result. "Fell" out of window before admission but denies suicidal intent.

Developed ideas about his detention, stating that he is kept here for the good of certain women. States there is Royal Blood in him and that he is over 60 years (actually 31).

No. 4822.Age: 21.

Profession: Nil.

Diagnosis: Dementia praecox.

Height: 163.8

Weight: 49.8

MEASUREMENT.SKULL.

Horiz. Circum: 54.2  
 Sag. Diameter: 18.5  
 Frontal " 14  
 Vertical " 19.5  
 Height of Face: 6.7  
 Breadth " " 11.5/10  
 Length of Nose: 4.8

CIRCUMFERENCE: Chest: 79.5  
 Stomach: 66.5  
 Hips: 80  
 Forearm: 21  
 Hand: 18.5  
 Calf: 26

Length: Legs: 86 Arms: 77.5

Breadth: Shoulder: 38  
 Pelvis: 25

FACE & SKULL.

Shape of Head: Narrow.  
 Straight occiput.

Frontal: Short egg shape.

Profile: Almost angular.

Height  
 proportion: Middle face: 6.7  
 Chin: 4.8

Description: "Asthenic".

Nose: Small, beak-like, projecting.

PHYSIQUE.

Bones: Small.

Stomach: Thin.

Musculature: Poor.

Pelvis: Small.

Fat: Almost absent.

Extremities: Thin.

Neck: Thin.

Hands: Large, congested.

Shoulders: Medium.

Feet: Long, thin.

Chest: Flat, long, narrow.

Description: Lean.HAIR:

Head hair: Brown, thin.

Trunk: Nil.

Brows: Medium.

Beard: Medium.

Arms: Nil.

Pubes: Feminine distribution.

Armpits: Weak.

Legs: Weak.

Description:

No. 4822.

ADMITTED: 29th. March, 1924. Age 19.

Slow to learn at school, and only reached 5th. Standard at age of 14. Mental symptoms reported to have appeared 2 years ago at age 17.

Dull, vacant and unemotional. Inaccessible and does not return answers to simple questions.

Does not attend to his personal needs and requires stimulation to feed. Has many stereotyped actions.

Remains demented, depraved in habits and inaccessible.

No. 4824.

Profession: Ex-soldier.

Age: 47.

Diagnosis: Paraphrenia.

Height: 186.6

Weight: 78.9

MEASUREMENT.SKULL.

Horiz. Circum: 55.8  
 Sag. Diameter: 20  
 Frontal " 14.2  
 Vertical " 19.9  
 Height of Face: 8.5  
 Breadth " " 12.5/10.8  
 Length of Nose: 6

CIRCUMFERENCE: Chest: 99  
 Stomach: 88.5  
 Hips: 96.6  
 Forearm: 29  
 Hand: 21.5  
 Calf: 35.6

Length: Legs: 97.5 Arms: 87

Breadth: Shoulder: 37  
 Pelvis: 32

FACE & SKULL.

Shape of Head: Narrow.  
 Low forehead.

Frontal: Long egg-shape.

Profile: Chin in advance of  
 forehead. Nose large  
 and prominent.

Height  
 proportion: Middle face: 8.5  
 Chin: 4

Description: Large-nosed.

Nose: Large, prominent.

PHYSIQUE.

Bones: Medium.

Stomach: Poor tone.

Musculature: Fair.

Pelvis: Medium.

Fat: Not marked.

Extremities: Arms, fair development.  
 Legs rather fat and shapeless.

Neck: Thin, long.

Shoulders: Narrow for height.

Hands: Large.

Chest: Long, flat.

Feet: Large.

Description: Lean, except for legs, cf. height.

HAIR.

Head hair: Brown, thick

Trunk: Weak.

Brows: Thick.

Beard: Medium.

Arms: Medium.

Pubes: Medium.

Armpits: Long.

Legs: Medium.

Description: Cardiac

at times.

No. 4824.

ADMITTED: 31st. March, 1924. Age 45. Single.

Correctly orientated and does not show any gross memory defect. Little interest in his surroundings and is quite contented with his position. At one time he admits being depressed and on the verge of suicide. Believes that a man went to the Ministry of Pensions and swore false information against him. He says he can hear voices of people tormenting him and threatening to cut his head off and tear him in pieces.



No. 4818.

Profession: Electrician.

Age: 23.

Diagnosis: Dementia praecox.

Height: 172.7

Weight: 55.7

MEASUREMENT:SKULL.

Horiz. Circum: 55.7  
 Sag. Diameter: 19  
 Frontal " 14.5  
 Vertical " 20.5  
 Height of Face: 8  
 Breadth " " 11/11  
 Length of Nose: 5.5

CIRCUMFERENCE: Chest: 83.5  
 Stomach: 74  
 Hips: 84.5  
 Forearm: 23.6  
 Hand: 19  
 Calf: 30.9

Length: Legs: 91 Arms: 77

Breadth: Shoulder: 37  
 Pelvis: 29

FACE & SKULL.

Shape of Head: Low forehead.  
 Rather straight occiput.

Frontal: Long shield-shape.

Profile: Arched.

Height  
 proportion: Middle face: 8  
 Chin: 4

Description: Asthenic.

Nose: Straight, not very prominent.

PHYSIQUE.

Bones: Small.

Stomach: Thin - enteroptotic.

Musculature: Poor.

Pelvis: Poor.

Fat: Absent.

Extremities: Thin.

Neck: Short, medium, thickness

Hands: Small, congested.

Shoulders: Narrow.

Feet: Medium.

Chest: Flat.

Description: Lean.

HAIR.

Head hair: Thick.

Trunk: Weak.

Brows: Narrow.

Arms: Nil.

Beard: Weak.

Pubes: Medium.

Legs: Hairy.

Armpits: Weak.

Description:

No. 4818.

ADMITTED: 25th. March, 1924. Age 20. Single.

Mental trouble said to have started three years ago at age of 18. Reported to have been always of a studious nature.

Dull and vacant and lacking in interest. Negativistic and only monosyllabic replies to questions.

Now in semi-stuporous state - rarely speaks and has to be prompted to move from place to place. Regular prompting to take food. Faulty in habits.

No. 4906.Age: 28.

Profession: Bank Clerk.

Diagnosis: Dementia praecox.

Height: 177.8

Weight: 53.5

MEASUREMENT.SKULL.

Hdriz. Circum: 57.5  
 Sag. Diameter: 20  
 Frontal " 15.5  
 Vertical " 21  
 Height of Face: 7  
 Breadth " " 11/11  
 Length of Nose: 6.2

CIRCUMFERENCE: Chest: 80.5  
 Stomach: 64.4  
 Hips: 82  
 Forearm: 21.9  
 Hand: 18.3  
 Calf: 32

Length: Legs: 94 Arms: 77

Breadth: Shoulder: 40  
 Pelvis: 28.5

FACE & SKULL.Shape of Head: Broad.Frontal: Flat - five-cornered.Profile: Strongly arched.

Height  
 proportion: Middle face: 7  
 Chin: 4

Description: Note "pyknic"  
 five-cornered face with  
 "asthenic" nose.

Nose: Curved, thin, prominent.PHYSIQUE.

Bones: Small.

Stomach: Thin.

Musculature: Poor.

Pelvis: Infantile.

Fat: Poor.

Extremities: Thin, long.

Neck: Long, thin.

Hands: Narrow, thin fingers.

Shoulders: Broad,  
outstanding.

Feet: Large, flat.

Chest: Flat, long.

Description: Dysplastic length of leg - small pelvis and dysplastic  
 shoulders.

HAIR.

Head hair: Growing into nape.

Trunk: Medium.

Brows: Thick.

Beard: Weak.

Arms: Weak.

Pubes: Medium.

Armpits: Medium.

Legs: Weak.

Description: Mitral stenosis.

No. 4906.

ADMITTED: 6th. November, 1923. Age 25. Single.

Stated to have been an 8 months child and have been very poorly developed, difficult to bring up and backward: as regards walking, cutting his teeth, etc. Reached 5th. form at school; at age of 11 had rhumatic fever. Has done no work since February 1922, and has shown mental symptoms since Xmas 1921.

Correctly orientated and shows no marked memory defect. Childish in his reactions and more like a young boy than a man of 25 years. Does not assert himself but is contented with his position and pleased with everything he sees. Laughs inanely from time to time, grimaces, rubs his hands. Admits auditory hallucinations - accepts them without wonder as things that come from the air.

Remains foolish in behaviour, making jumps and sudden movements, grimaces and seldom speaks unless spoken to. Says "voices" are as bad as ever. Writes a fairly connected letter but containing foolish and childish statements.

No. 4914.

Profession: Waiter.

Age: 24.

Diagnosis: Dementia praecox.

Height: 162.5

Weight: 54.8

MEASUREMENT.SKULL.

Horiz. Circum: 53.7  
 Sag. Diameter: 18.5  
 Frontal " 14.8  
 Vertical " 18.5  
 Height of Face: 7.6  
 Breadth " " 11/9  
 Length of Nose: 5.5

CIRCUMFERENCE:

Chest: 82  
 Stomach: 70.9  
 Hips: 84  
 Forearm: 23.9  
 Hand: 19.2  
 Calf: 33

Length: Legs: 83.8 Arms: 71.4

Breadth: Shoulder: 37  
 Pelvis: 26

FACE & SKULL.

Shape of Head: Low, narrow. Frontal: Short egg-shape.

Profile: Arched.

Height  
 proportion: Middle face: 7.6  
 Chin: 4

Description: "Asthenic".

Nose: Long, straight, prominent.

PHYSIQUE.

Bones: Medium.

Stomach: Enteroptosis.

Musculature: Medium.

Pelvis: Medium.

Fat: Poor.

Extremities: Sturdy legs and arms.

Neck: Medium.

Hands: Small, thin fingers.

Shoulders: Medium.

Feet: Large.

Chest: Medium.

Description: Between "lean" and "muscular" but of small stature.HAIR.

Head hair: Thick.

Trunk: Weak.

Brows: Narrow.

Beard: Medium.

Arms: Weak.

Pubes: Medium.

Armpits: Weak.

Legs: Weak.

Description:

No. 4914.

ADMITTED: 1st. January 1925. Age 22. Single.

Dull and depressed, worried and apprehensive. People next door called out things at him because he had connection with a girl whom he wanted to marry but her people turned against him. Suspicious about the actions of his aunt with whom he lived.

Was in a special school and later in an Industrial School when he reached Vth. Standard.

Has become dull, childish, simple and retarded. States that his hands are acted on by electricity. Solitary, lacking in interests. Habits faulty and degraded.

No. 4930.

Profession: Labourer.

Age: 25.

Diagnosis: Dementia praecox.

Height: 163.8

Weight: 57.1

MEASUREMENT.SKULL.

Horiz. Circum: 54  
 Sag. Diameter: 18  
 Frontal: " 10.6  
 Vertical " 19.5  
 Height of Face: 8  
 Breadth " " 10.5/10.1  
 Length of Nose: 5.5

CIRCUMFERENCE: Chest: 85.2  
 Stomach: 73  
 Hips: 83  
 Forearm: 23.1  
 Hand: 18.8  
 Calf: 30.4

Length: Legs: 79.2 Arms: 70.5

Breadth: Shoulder: 35  
 Pelvis: 28

FACE & SKULL.

Shape of Head: Low forehead.  
 Narrow.

Frontal: Long egg-shape.

Profile: Arched.

Height  
 proportion: Middle face: 8  
 Chin: 5

Description: "Asthenic"  
 Long face.

Nose: Long, straight, prominent.

PHYSIQUE:

Bones: Medium.

Stomach: "Sagging".

Musculature: Poor.

Pelvis: Medium.

Fat: Medium.

Extremities: Medium.

Neck: Medium.

Hands: Medium, cyanosed.

Shoulders: Narrow.

Feet: Medium, cyanosed.

Chest: Medium.

Description: Lean.

HAIR.

Head hair: Thick.

Trunk: Nil.

Brows: Narrow.

Arms: Weak.

Beard: Medium.

Pubes: Medium.

Armpits: Medium.

Legs: Weak.

Description:

No. 4930.

ADMITTED: 2nd. March, 1925. Age 23. Single.

Was discharged from Banstead to care of sister.

Unimproved 9. 2. 25.

Foolishly restless, actively hallucinated. Hears his sweetheart talking to him. Many mannerisms and frequently noisy. Very apprehensive.

Reported to have had diphtheria when 8 years of age, and has low tracheotomy scar.

Remains in much the same state. Negativistic, frequently faulty.



No. 5196.

Profession: Bus Conductor.

Age: 26.

Diagnosis: Dementia Praecox.

Height: 170.1

Weight: 53.5

MEASUREMENT:SKULL.

Horiz. Circum: 57  
 Sag. Diameter: 19.5  
 Frontal " 15  
 Vertical " 20  
 Height of Face: 8  
 Breadth " " 9/10.5  
 Length of Nose: 6

CIRCUMFERENCE: Chest: 82.5  
 Stomach: 74  
 Hips: 84.5  
 Forearm: 22  
 Hand: 19.5  
 Calf: 29.5  
 Length: Legs: 91 Arms: 78  
 Breadth: Shoulder: 44  
 Pelvis: 33

FACE & SKULL.

Shape of Head: Low forehead.  
 Well rounded occiput.

Frontal: Egg shape.Profile: Angular.

Height  
 proportion: Middle face: 8  
 Chin: 4.5

Description: "Asthenic".

Nose: Thin, straight, prominent.

PHYSIQUE.

Bones: Small.

Stomach: Thin.

Musculature: Poor.

Pelvis: Rather feminine.

Fat: Poor.

Extremities: Long and thin.

Neck: Short, medium thickness.

Hands: Small, thin fingers.

Shoulders: Exceptionally  
Broad.

Feet: Long.

Chest: Flat, long, narrow.

Description: Dysplastic breadth of shoulder and feminine hips.Hair.

Head hair: Thick, growing  
 into temples and neck

Trunk: Weak.

Brows: Medium.

Beard: Weak.

Arms: Weak.

Pubes: Feminine distribution.

Armpits: Weak.

Legs: Weak.

Description: Note broad hips with feminine distribution of hair  
 on pubis and weak secondary hair.

No. 5196.

ADMITTED: 5th. August, 1926. Age 26. Single.

Admitted in state of stupor. Took no notice of his surroundings and refused all food. Performed stereotyped movements with hands and head.

Later became excited, garrulous, restless, gesticulating with his hands, grimacing and posturing. His memory appears good and he can recount recent incidents clearly, including those occurring since admission.

AUGUST. Now declares that he is Jesus Christ - declares God will not allow him to pass on the strange messages which he receives. Foolishly precise and stilted in speech and manner.

SEPTEMBER. Some improvement - working in gardens and is more sociable, playing games.

OCTOBER. Appears worse mentally, brooding and unsociable. Feels unable to work - singing loudly in the ward.

DECEMBER. Some improvement and he appears to have some insight. No sign of his former delusions at present.

3. 2. 27. Remains over-anxious, sensitive and easily worried by trifles.

No. 5209.

Profession: Labourer.

Age: 48.Diagnosis: Melancholia? ~~degree of~~

Height: 168.2

Weight: 49.4

MEASUREMENT.SKULL.

Horiz. Circum: 55  
 Sag. Diameter: 19.5  
 Frontal " 14.5  
 Vertical " 20.5  
 Height of Face: 7  
 Breadth " " 12/10.5  
 Length of Nose: 5.4

CIRCUMFERENCE:

Chest: 86  
 Stomach: 69  
 Hips: 80.2  
 Forearm: 23.4  
 Hand: 20.2  
 Calf: 28  
 Length: Legs: 83.8 Arms: 78  
 Breadth: Shoulder: 39  
 Pelvis: 28

FACE & SKULL.

Shape of Head: Medium Breadth.  
 Rather low.

Frontal: Shield-shapedProfile: Weakly arched.

Height  
 proportion: Middle face: 7  
 Chin: 4

Description: Indefinite.

Nose: Straight. Not very prominent.

PHYSIQUE.

Bones: Large.

Stomach: Thin.

Musculature: Poor.

Pelvis: Medium.

Fat: Emaciated.

Extremities: Thin.

Neck: Long, thin.

Hands: Medium, thin fingers.

Shoulders: Medium.

Feet: Long.

Chest: Medium.

Description: Lean, possibly due to acute condition.HAIR.

Head hair: Slight baldness  
 on vertex.

Trunk: Weak.

Brows: Medium.

Beard: Thick

Arms: Weak.

Pubes: Medium

Armpits: Medium.

Legs: Weak.

Description: Varicosity of veins of legs.

No. 5209.

ADMITTED: 25th. August, 1926. Age 48. Married.

(Bleeding cut throat scar)

Not communicative and is much retarded, and introverted. Amnesic for recent and past events. Accurate details of his past history being unobtainable. States that he cut his throat because his wife was ill and was taken to the Infirmary. In the Infirmary he heard voices all round his bed saying "Police, Police." Rather resentful of attention. Requires to be hand-fed, clean in habits. Complains that the Nurse accuses him of various things and appears to be apprehensive that some wrong is going to be done to him.

15. 9. 26. Was depressed but without insight.

5. 10. 26. Very restless and irrational and depressed again - asking to be put out of the way.

15. 11. 26. Now depressed, restless and never speaks.

5. 4. 27. Remains depressed and agitated and almost inaccessible.

No. 5241.

Profession: Ex-soldier.

Age: 40.

Diagnosis: Syntonic. Melancholia.

Height: 179.7

Weight: 66.2

MEASUREMENT:SKULL.

Horiz. Circum: 55.5  
 Sag. Diameter: 18.8  
 Frontal " 14.8  
 Vertical " 19  
 Height of Face: 7.7  
 Breadth " " 11.5/10  
 Length of Nose: 5.7

CIRCUMFERENCE:

Chest: 92  
 Stomach: 67  
 Hips: 88.8  
 Forearm: 25  
 Hand: 21.8  
 Calf: 32  
 Length: Legs: 98.5 Arms: 85  
 Breadth: Shoulder: 40  
 Pelvis: 28.5

FACE & SKULL.

Shape of Head: Low.  
 Rather steep  
 occipital region.

Frontal: Shortened egg shape.Profile: Strongly arched.

Height proportion: Middle face: 7.7  
 Chin: 4.7

Nose: Curved, prominent.

Description: "Asthenic"PHYSIQUE.

Bones: Medium.

Stomach: Thin.

Musculature: Poor.

Pelvis: Small, infantile.

Fat: Poor.

Extremities: Long and thin.

Neck: Thin.

Hands: Long, thin fingers.

Shoulders: Sloping, broad.

Feet: Medium.

Chest: Flat, long, narrow.

Description: Dysplastic length of leg. Infantile pelvis.HAIR.

Head hair: Medium.

Trunk: Weak.

Brows: Narrow.

Beard: Weak.

Arms: Weak.

Pubes: Medium.

Armpits: Weak.

Legs: Weak.

Description: Weak secondary hair.

No. 5241.

ADMITTED: 12th. November 1926. Age 40. Single.

Conscious and fairly orientated. He realises that this is a Mental Hospital and that he is mentally ill.

States that he kept company with a woman 3 years ago and that he thought people began to talk about him and he began to worry about the wickedness of his behaviour. He vaguely believes that his present condition is a judgment on him. States that he has been suffering from insomnia for 2 years and has been under treatment. He has become increasingly depressed and has lost weight. He complains of losing his power of concentration and interest in things.

Denies hallucinations but states that he has fearful imaginings and has felt that the future held nothing for him and that he might as well be dead. Has never actually contemplated suicide. Clean in habits.

Has remained dull and depressed and brooding over his condition. Constantly complains of his bowels or his head and takes no interest in his surroundings.

No. 5243.

Profession: Traveller.

Age: 53.

Diagnosis: Paraphrenia.

Height: 188.5

Weight: 59.8

MEASUREMENT.SKULL.

Horiz. Circum: 54.9  
 Sag. Diameter: 18  
 Frontal " 14.5  
 Vertical " 18.5  
 Height of Face: 8  
 Breadth " " 11.5/10  
 Length of Nose: 6

CIRCUMFERENCE: Chest: 85  
 Stomach: 71.5  
 Hips: 87  
 Forearm: 24.5  
 Hand: 20.5  
 Calf: 32  
 Length: Legs: 101 Arms: 80.5  
 Breadth: Shoulder: 40.5  
 Pelvis: 29.5

FACE & SKULL.

Shape of Head: Rather low  
 and narrow.  
 Rounded occiput.

Frontal: Egg shape.Profile: Angular.

Height  
 proportion: Middle face: 8  
 Chin: 4.5

Description: "Asthenic".Nose: Curved, large, prominent.PHYSIQUE.

Bones: Medium.

Stomach: Thin.

Musculature: Poor.

Pelvis: Small.

Fat: Poor.

Extremities: Legs of exceptional  
 length. Arms long, thin.

Neck: Long, thin.

Shoulders: Narrow.

Hands: Long, thin fingers.

Chest: Flat, long, thin.

Feet: Medium.

Description: Dysplastic length of leg. cf. stature.HAIR.

Head hair: Bald on vertex.

Trunk: Medium.

Brows: Medium.

Beard: Medium.

Arms: Medium.

Pubes: Medium.

Armpits: Medium.

Legs: Medium.

Description:

No. 5243.

ADMITTED: 17th. November 1926. Age 53. Single.

Poorly orientated although he vaguely realises the nature of his surroundings. He does not realise that there is any reason for his being here and states that he is in perfect health. He has done no work since 1912, when he was in Colney Hatch, following a prolonged period of ill health. He talks in a stilted, hesitating way and without much expression. States that he has been persecuted by a gang for years, who have attempted to kill him by poison and other means. He thinks they are jealous because he is a "son and heir" and has come into his parents' money. Becomes confused at times when speaking and frequently fails to realise the meaning of questions put to him. He has lived by himself since the death of his mother, cooking and fending for himself, and his house and person were found in a very neglected state.

1. 12. 26. Taking food badly and complained to a nurse that he thought it was poisoned.

17. 1. 27. Taking food better but retains his persecutory ideas, and although he attempts to assist in ward work, seems dazed and rather out of touch with his surroundings.

21. 1. 27. Became ill. Febrile - blood in urine.

27. 1. 27. Died.

P. M. Tuberculosis of lung.

" " kidney? (enlarged and most of  
(tissue destroyed)



No. 5249.

Profession: Furniture porter.

Age: 27.

Diagnosis: Dementia praecox.

Height: 165.9

Weight: 55.3

MEASUREMENT.SKULL.

Horiz. Circum: 53  
 Sag. Diameter: 18.4  
 Frontal " 13.6  
 Vertical " 19.5  
 Height of Face: 8  
 Breadth " " 10/ 9.5  
 Length of Nose: 5.7

CIRCUMFERENCE: Chest: 84.5  
 Stomach: 71  
 Hips: 85.6  
 Forearm: 25.6  
 Hand: 20  
 Calf: 31  
 Length: Legs: 80.2 Arms: 73.2  
 Breadth: Shoulder: 38  
 Pelvis: 29

FACE & SKULL.Shape of Head: Narrow.Frontal: Long egg shape.Profile: Weakly arched.

Height  
 proportion: Middle face: 8  
 Chin: 5

Description: "Athletic" ?Nose: Straight, rather broad.PHYSIQUE.

Bones: Medium.

Stomach: Thin.

Musculature: Medium.

Pelvis: Medium.

Fat: Medium.

Extremities: Medium development.

Neck: Medium.

Hands: Long and thin.

Shoulders: Narrow, sloping.

Feet: Medium.

Chest: Flat, long, narrow.

Description: Lean with fair musculature.HAIR.

Head hair: Thick.

Trunk: Weak.

Brows: Broad.

Beard: Medium.

Arms: Weak.

Pubes: Medium.

Armpits: Medium.

Legs: Weak.

Description:

No. 5249.

ADMITTED: 29th. November 1926. Age 27. Single.

Fairly orientated. Very evasive in a foolish way, and does not give very open answers to questions. He is self-satisfied and elated - laughs and grins in a foolish way. Says without much emotional display that he is "not a good enough man, and thinks it is due to ill luck, or his superstitious way of looking at it." Admits hallucinations and recounts how he saw two very bright stars. He states he has received mystic messages from the East, meaning "peace with all and no more wars", and then became dizzy.

6. 2. 27. Became excited at Communion and fell on the floor in front of the altar screaming. He states he was told to do this by the voice of God. Says he sees both God and the Devil at times.

No. 5254.Age: 35.

Profession: Solicitor's Clerk.

Diagnosis: Paraphrenia.

Height: 180.3

Weight: 64.9

MEASUREMENT.SKULL.

Horiz. Circum: 58  
 Sag. Diameter: 20  
 Frontal " 15.4  
 Vertical " 19  
 Height of Face: 7.6  
 Breadth " " 13.5/10  
 Length of Nose: 5.5.

CIRCUMFERENCE.

Chest: 88  
 Stomach: 74  
 Hips: 88  
 Forearm: 24  
 Hand: 19.4  
 Calf: 35.2

Length: Legs: 102 Arms: 82

Breadth: Shoulder: 38  
 Pelvis: 25.5

FACE & SKULL.

Shape of Head: Broad,  
 low forehead.

Frontal: Short egg-shape,  
 prominent malar bones.

Profile: Weakly arched.

Height  
 proportion: Middle face: 7.5  
 Chin: 4.8

Description: Asthenic.

Nose: Straight, fairly prominent.

PHYSIQUE:

Bones: Medium.

Stomach: Thin.

Musculature: Poor.

Pelvis: Narrow.

Fat: Poor.

Extremities: Exceptional length  
 of leg. Arms long.

Neck: Long, thin.

Hands: Long, thin fingers.

Shoulders: Narrow, sloping.

Feet: Flat.

Chest: Flat, long.

Description: Dysplastic legs and narrow pelvis.

HAIR.

Head hair: Thick,  
 growing into neck.

Trunk: Thick.

Brows: Thick.

Arms: Medium.

Beard: Medium.

Pubes: Medium.

Legs: Medium.

Armpits: Medium.

Description:

No. 5254.

ADMITTED: 3rd. December 1926. Age 35. Single.

Conscious and fairly orientated but displays complete lack of insight into his condition. Talks in a stilted way and has evidently developed ideas of considerable ability which he feels is not having fair play. Describes his detention in the infirmary as an outrage, but, if he is allowed to go immediately, he will say nothing more about it. He has a case before the Law Courts concerning the question of whether he was a conscript in the war or not. The details are most fantastic. States that the man next door hammered nails into the wall at  $\frac{1}{4}$  hour intervals during the whole of one night and also complains of screws. Also thinks that his bed was jerked outside.

He saw flashes of light as the result of electrical influence.

Called at Buckingham Palace to see if there was a proclamation.

GROUP D. 15 Cases.

As might be expected in a classification depending on observation, difficulty was found in placing a number of cases. In 10 cases the nature of the distribution, on the degree of fatness, or its association with other features was responsible for their inclusion in this indefinite group.

No. 5242 had a heavy fat face and a fair general covering, but not the typical obesity of abdomen and breasts. Aged 25 years, he was 182.8 cm. in height, with "dysplastic" length of leg, a broad pelvis and rather small testicles. His psychosis appeared to be of the syntonetic type, and he was observed in depressed and overactive phases.

No. 5169, aged 22, had a general smooth covering of fat, and it was considered that he might in later life qualify for inclusion in the "fat" group.

No. 5244, aged 26, was of a similar physique.

In both these cases the diagnosis was doubtful on admission. Their symptoms had a marked adolescent colouring which suggested dementia praecox, a diagnosis which was not supported by their general behaviour under observation.

No. 5224, aged 48, had a small pot-belly when observed and gained 2 stones in weight in six months, but when discharged did not show more than a general smoothness of covering. His chief symptom was depression.

These four cases (5242, 5169, 5244, 5224) were discharged as recovered.

No. 4384 had a definite mixture of muscularity and fatness. He was above average height (189.9 cms.) with very good muscular development. He had a very typical "pyknic" distribution of fat. A dysplastic length of leg (101 cms.) and small genital organs complicated the picture. He was diagnosed as a case of paraphrenia.

No. 4676 had some fat on the abdomen and a tendency to double chin accompanied by good muscles. He suffered from dementia praecox.

No. 5214. Had good muscles for his size and a tendency to double chin. He was in the hospital for 3 months only and during that time showed signs of putting on fat. He had a short attack of mania due to an alcoholic bout. He also had a wound involving the right parietal bone.

No. 4639 had good muscles, a flat chest and fat on chest and abdomen. He had also a rather marked deposit of fat in his legs. He was diagnosed as paraphrenia.

No. 5061 is mentioned in this group because the height-weight proportion in his case (154.9: 67.5) was unusual in the absence of any marked fat deposits. He was undersized and had small testicles. His symptoms were probably due to prolonged use of alcohol.

No. 22 had a weak distribution of fat in "pyknic" areas combined with poor musculature. He was also of poor physique being well below average height (156 cms.) He was diagnosed as suffering from paraphrenia.

The 5 remaining cases were not classified owing to the indefinite degree of muscularity which they exhibited. They do not require to be described in detail as a reference to the constitution shewn in each case will indicate the reasons for the difficulty in classification. They were diagnosed as follows:-

5224 and 4015	(Dementia praecox
5256	(Dementia paranoides.
2166	Syntonic (Manic-depressive.
5239	(Alcoholic insanity.

The "constitution schemes" of this group are arranged in accordance with the foregoing description.

No. 5242.

Profession: Traveller.

Age: 25

Diagnosis: Syntonic (Manic-depressive)

Height: 182.8

Weight: 79.8

MEASUREMENT.SKULL.

Horiz. Circum: 58.2

Sag. Diameter: 20

Frontal " 14

Vertical " 20.5

Height of Face: 8

Breadth " " 11.5/10.5

Length of Nose: 5.5

CIRCUMFERENCE:

Chest: 91

Stomach: 79

Hips: 98

Forearm: 26.5

Hand: 21

Calf: 35

Length: Legs. 98.5 Arms: 83.5Breadth: Shoulder: 39.5  
Pelvis: 31FACE & SKULL.Shape of Head: Broad, high.  
Rather steep occipital  
region.Frontal: Long shield-shape.  
Considerable fat under chin  
and over face.Profile: Weakly arched.Height  
proportion: Middle face: 8  
Chin: 4.3Description: "Fat".

Nose: Straight, not prominent.

PHYSIQUE.

Bones: Medium.

Stomach: No accumulation of fat.

Musculature: Medium.

Pelvis: Of feminine type

Fat: General covering,  
marked round jaw.

Extremities: Long.

Neck: Rather fat.

Hands: Large.

Shoulders: Broad, forward  
sloping.

Feet: Medium.

Chest: Flat, long, narrow.

Description: Long legs and broad pelvis and a general covering of fat.HAIR.

Head hair: Medium.

Trunk: Medium

Brows: Narrow.

Beard: Soft.

Arms: Medium.

Pubes: Medium, masculine.

Armpits: Weak.

Legs: Medium.

Description: Pubic distribution of hair does not agree with  
feminine pelvis.

No. 5242.

ADMITTED: 15th. November 1926. Age 25. Single.

He is conscious and orientated. Depressed in mood and there is a complete lack of emotional variety in his conversation, which consists of short sentences, which indicate that he understands questions put to him, but do not suggest much interest in his replies. He appears to have become depressed some eight months ago owing to the poor state of his mother's business. He stabbed himself with a knife and was sent to Bexley Mental Hospital. Discharged from there in October, but has only done two days work since. He will not discuss the reason for his new depression. At times he smiles rather fatuously.

1927. 3rd. February. Has maintained a steady improvement and works and joins in games. Rather petty and argumentative, and has evidently been spoilt at home. Lacking in proper insight and wants to pass everything off lightly and thinks he knows much better than everybody else. Granted absence on trial. Gained 9 lbs. since admission.

His father committed suicide.

MARCH, 1927. Discharged.



No. 5169.Age: 22.

Profession: Skin dresser.

Diagnosis: ? Syntonic.

Height: 165.1

Weight: 52.1

MEASUREMENT.SKULL.

Horiz. Circum: 56  
 Sag. Diameter: 19  
 Frontal " 14.5  
 Vertical " 19.2  
 Height of Face: 6.3  
 Breadth " " 12/10  
 Length of Nose: 5

CIRCUMFERENCE: Chest: 80  
 Stomach: 71.5  
 Hips: 84  
 Forearm: 25  
 Hand: 20  
 Calf: 31.4

Length: Legs: 87 Arms: 74.5

Breadth: Shoulder: 37  
 Pelvis: 28

FACE & SKULL.

Shape of Head: Medium breadth.  
 Low, with well rounded  
 occiput.

Profile: Indefinite.

Description: "Pyknic".

Frontal: Five-cornered.

Height  
 proportion: Middle face: 6.3  
 Chin: 4.2

Nose: Short, not prominent.

PHYSIQUE.

Bones: Small.

Musculature: Medium.

Fat: General distribution.

Shoulders: Rather narrow  
and sloping.

Chest: Rather flat.

Neck: Medium.

Description: General subcutaneous fat.

Stomach: Some fat.

Pelvis: Medium.

Extremities: Well rounded by fat.

Hands: Small.

Feet: Medium.

HAIR.

Head hair: Strong.

Brows: Narrow.

Beard: Medium.

Pubes: Weak.

Armpits: Weak.

Trunk: Weak.

Arms: Weak.

Legs: Weak.

Description: Dark pigmentation in skin.

No. 5169.

ADMITTED: 5th. June, 1926. Age 22. Single.

In a depressed anergic condition. He is confused as to periods of time but states he has been feeling queer for months. Admits self-abuse and a proneness to dreaming. Complained that people looked at him and thinks that the people with whom he worked were antagonistic to him. Became unmanageable at home and threw things about thinking that nobody likes him.

22. 11. 26. More sociable, working and taking part in games. Remains dull and rather anergic.

21. 1. 27. Has maintained his improvement. Has gained insight into his former condition but can give no reason for his breakdown. Rather reserved and disinclined to discuss his case freely.

11. 2. 27. Discharged.

No. 5244.

Age: 26.

Profession: Turner.

Diagnosis: ? Syntonic.

Height: 165.1

Weight: 56.6

MEASUREMENT.SKULL.

Horiz. Circum: 58.5  
 Sag. Diameter: 20  
 Frontal " 15  
 Vertical " 21  
 Height of Face: 8  
 Breadth " " 11.5/10  
 Length of Nose: 5.7

CIRCUMFERENCE: Chest: 85.5  
 Stomach: 72  
 Hips: 83.5  
 Forearm: 24  
 Hand: 20.1  
 Calf: 33.2

Length: Legs: 88 Arms: 72

Breadth: Shoulder: 38  
 Pelvis: 25

FACE & SKULL.

Shape of Head: Broad.  
 Well rounded occiput.

Frontal: Broad, shield-shape.

Profile: Straight.

Height  
 proportion: Middle face: 8  
 Chin: 4.5

Description: "Pyknic".

Nose: Curved, not prominent.

PHYSIQUE:

Bones: Medium.

Stomach: Lax.

Musculature: Medium.

Pelvis: Medium.

Fat: Good general covering.

Extremities: Medium.

Shoulders: Medium.

Hands: Medium.

Chest: Medium.

Feet: Medium.

Neck: Medium.

Description: General presence of subcutaneous fat but no  
 "accumulations".

HAIR.

Head hair: Black, thick.

Trunk: Weak.

Brows: Medium.

Arms: Strong.

Beard: Medium.

Pubes: Long.

Legs: Strong.

Armpits: Medium.

Description: Skin rather darkly pigmented.

No. 5244.

ADMITTED: 23rd. November, 1926. Age 26. Married.

Fairly orientated. Gives a detailed though rather irrelevant account of himself. Suspicious of those working with him and thinks that his fellow-employees laughed at him and passed remarks about him. Rather foolish and inconsequent in manner, and in somewhat uncertain contact with his environments.

8. 12. 26. Quiet and working well but does not appear to have developed true insight into his condition. Rather reserved and solitary.

4. 3. 27. Appears to have a fair insight but is very reserved.

9. 4. 27. Discharged.

No. 5224.

Profession: Warehouseman.

Age: 48.

Diagnosis: ? Syntonic.

Height: 167.6

Weight: 52.6

MEASUREMENT.SKULL.

Horiz. Circum: 56.2  
 Sag. Diameter: 19  
 Frontal " 14.5  
 Vertical " 19  
 Height of Face: 9  
 Breadth " " 11.5/10  
 Length of Nose: 6.5

CIRCUMFERENCE: Chest: 86  
 Stomach: 78.5  
 Hips: 87.7  
 Forearm: 23.9  
 Hand: 21.5  
 Calf: 34

Length: Legs: 86 Arms: 74

Breadth: Shoulder: 38  
 Pelvis: 31.5

FACE & SKULL.

Shape of Head: Medium breadth.  
 Well rounded occiput.

Frontal: Steep egg-shape.

Profile: Strongly arched.

Height  
 proportion: Middle face: 9  
 Chin: 5

Description: Asthenic!

Nose: Large, curved, prominent.

PHYSIQUE.

Bones: Medium.

Stomach: Rather pot-bellied.

Musculature: Medium.

Pelvis: Rather broad.

Fat: General covering.

Extremities: Medium.

Neck: Long, rather thin.

Hands: Medium.

Shoulders: Narrow, sloping.

Feet: Flat.

Chest: Medium.

Description: Broad pelvis. General distribution of fat.

HAIR.

Head hair: Grey, medium.

Trunk: Weak.

Brows: Narrow.

Beard: Medium.

Arms: Weak.

Pubes: Medium.

Armpits: Medium.

Legs: Weak.

Description: Marked varicosity of veins, both legs.

No. 5224.

ADMITTED: 15th. September 1926. Age 48. Married.

Conscious and well orientated. Gives a clear account of himself and realises his position. He admits his liability to extreme depression at times, generally in association with some definite worry. He had to go to Deal for 3 weeks last September because of an attack of this nature, which he says was due to domestic worry. He has now been out of work for five weeks and became progressively more depressed. Has suffered from insomnia for 2 months. Admits raising a bottle of dog medicine to his lips but denies any real desire for suicide. Denies hallucinations but admits he fancied people were talking about him. Apathetic and takes little interest in his surroundings.

25. 10. 26. Improvement - allowed parole.

15. 12. 26. Improvement maintained. Denies that he has any particular worries now. Working well. Complains of neuritis in hands at night.

6. 6. 27. Discharged.

Weight on admission 8.4. December 9.13. January 10.1.

No. 4384.

Profession: Engineer.

Age: 51.

Diagnosis: Paraphrenia.

Height: 189.9

Weight: 101.6

MEASUREMENT.SKULL.

Horiz. Circum: 59.3  
 Sag: Diameter: 20  
 Frontal " 15.8  
 Vertical " 19  
 Height of Face: 8  
 Breadth " " 12.9/10.5  
 Length of Nose: 5.5

CIRCUMFERENCE: Chest: 117  
 Stomach: 110  
 Hips: 104  
 Forearm: 29.7  
 Hand: 22.7  
 Galf: 39.2  
  
Length: Legs: 101 Arms: 83  
  
Breadth: Shoulder: 44  
 Pelvis: 32.5

FACE & SKULL.Shape of Head: Broad.Frontal: Long egg-shape.

Profile: Domed forehead.  
 Small nose.

Height  
 proportion: Middle face: 8  
 Chin: 5

Description: Indefinite.

Nose: Small, not prominent.

PHYSIQUE.

Bones: Large.

Stomach: Prominent, obese.

Musculature: Good.

Pelvis: Narrow compared with shoulders.

Fat: On breasts and abdomen  
 and a considerable amount  
 on limbs.

Extremities: Strong development,  
 some fat.

Neck: Broad.

Hands: Large.

Shoulders: Broad, forward  
 sloping.

Feet: Large.

Chest: Good depth and breadth.

Description: Good musculature but with a pyknic disposal of fat.  
 Above average height and with dysplastic length of leg.

HAIR:

Head hair: Grey. Bald on vertex.

Trunk: Medium.

Brows: Thin.

Beard: Medium.

Arms: Medium.

Pubes: Medium.

Armpits: Thick.

Legs: Weak.

Description: Small testicles.

No. 4384.

ADMITTED: 31st. October 1921. Age 46. Married.

Correctly orientated but shows gross impairment of his judgment. Suspicious of those around him and misinterprets common events.

Recently has been writing letters to call attention to the injustice of his case and has carried a revolver to protect himself against his supposed enemies.

He is self-satisfied and grandiose. Declares he has invented a new motor engine.

States that he can hear the voices of children, and the voice of a man called Mellor, his greatest enemy.

He thinks he has been mesmerised and coupled with many people and that his senses are affected with theirs.

States that he will claim £7,000 for his wrongful detention by the L. C. C.

Becomes involved in his talk concerning telepathy and misapplies many words in common use.



No. 4676.

Age: 27.

Profession: Musician.

Diagnosis: Dementia praecox.

Height: 177.8

Weight: 64.4

MEASUREMENT.SKULL.

Horiz. Circum: 54.8  
 Sag. Diameter: 18.5  
 Frontal " 15.2  
 Vertical " 20  
 Length of Face: 7.2  
 Breadth " " 11/10  
 Length of Nose: 5.2

CIRCUMFERENCE: ChestL 92.5  
 Stomach: 76  
 Hips: 88  
 Forearm: 23.8  
 Hand; 19.9  
 Calf: 33.2

Length: Legs: 93 Arms: 79

Breadth: Shoulder: 42  
 Pelvis: 27.5

FACE & SKULL.Shape of Head: Rather high.Frontal: Long egg-shape

Profile: Arched,  
 Large sloping forehead.

Height  
 proportion: Middle face: 7.2  
 Chin: 4.5

Description: "Athletic".

Nose: Broad, not prominent.

PHYSIQUE.

Bones: Medium.

Stomach: Compact, fat.

Musculature: Medium.

Pelvis: Medium.

Fat: On abdomen and has  
 "double chin".

Extremities: Long.

Neck: Medium.

Hands: Small.

Shoulders: Broad.

Feet: Small.

Chest: Broad.

Description: Muscular but with a degree of fat, which makes  
 classification difficult.

HAIR.

Head hair: Baldness at  
 temples and vertex.

Trunk: A few over sternum and  
 over sacrum.

Brows: Narrow.

Arms: Medium.

Beard: Medium.

Pubes: Medium.

Armpits: Medium.

Legs: Strong.

Description:

No. 4676.

ADMITTED: 19th. April, 1923. Age 23. Single.

Reported to have had night terrors since the age of 17.  
He had influenza 3 times since 1917. Was a Musical Director.

In Bethlam 1922 as voluntary boarder. Certified June 1922.  
One sister said to have died of Diabetes.

He was inaccessible and negativistic. Gave signs of active hallucinations and had many mannerisms. Faulty in habits and at times impulsive.

He continues to be foolish and off-hand in behaviour and takes little interest in his surroundings or his person. Frequent impulsive acts. Occasionally expresses fragmentary delusions - that his head is poisoned, etc. He is an accomplished pianist but seldom plays. He is hallucinated and admits that he sees visions at night but does not describe their nature.

Weight on admission 6 st. 11 - rapidly gained weight.

April 1924,	10 "	8
" 1925,	10 "	2
" 1926,	10 "	
" 1927,	10 "	2

No. 5214.

Age: 49.

Profession: Ex-soldier.

Diagnosis: Syntonic.

Height: 161.2

Weight: 55.7

MEASUREMENT.SKULL.

Horiz. Circum: 54  
 Sag. Diameter: 19  
 Frontal " 14.5  
 Vertical " 19  
 Height of Face: 8  
 Breadth " " 12/10.5  
 Length of Nose: 6

CIRCUMFERENCE:

Chest: 87  
 Stomach: 75  
 Hips: 85.5  
 Forearm: 26  
 Hand: 21  
 Calf: 31  
  
 Length: Legs: 84 Arms: 72  
 Breadth: Shoulder: 39  
 Pelvis: 27.5

FACE & SKULL.

Shape of Head: Small, low  
 forehead.  
 Well rounded occiput.

Frontal: Shield-shape.Profile: Weakly arched.

Height  
 proportion: Middle face: 8  
 Chin: 4.5

Description: Small "pyknic".

Nose: Rather curved, not prominent.

PHYSIQUE.

Bones: Medium.

Stomach: Lax.

Musculature: Medium.

Pelvis: Medium.

Fat: Double chin - no accumu-  
 lation of fat on abdomen  
 or breasts.

Extremities: Medium.

Neck: Medium.

Hands: Medium.

Shoulders: Broad for height,  
 sloping.

Feet: Medium.

Chest: Flat.

Description: Indefinite.HAIR.

Head hair: Grey  
 Medium thickness.

Trunk: Weak.

Brows: Thick, almost meet  
 in mid-line.

Beard: Thick.

Arms: Weak.

Pubes: Medium.

Armpits: Medium.

Legs: Weak.

Description: Has old gunshot wound of right parietal region.  
 The bone is absent over an area of about  $1\frac{1}{2}$ " diameter  
 He has had no fits. Wassermann in serum = + 40 +  
 C.S.F. = negative.

No. 5214.

ADMITTED: 2nd. September 1926. Age 48. Widower.

Poorly orientated for time and place. He talks with great freedom about his past but the flight of his ideas is so rapid that little detail can be grasped. He thinks his sister and brother-in-law have treated him very badly and it is on account of a disturbance with them that he was sent to the Infirmary. He is overactive, illustrating his talks by the most elaborate arm waving and posturing. Mistakes identity, seems to think he has seen me before. States that visitors came to see him this morning, although nobody has been since admission. Emotional and cried at times, restless and sleepless at night.

16. 9. 26. Much quieter. Accounts for his excited condition on admission by his domestic troubles and the excitement of coming to London. He realises that his head wound has made him rather unstable.

23. 9. 26. Well balanced and working well - perhaps rather euphoric and unduly satisfied.

Wassermann blood + 40 +. C.S.F. negative.

8. 11. 26. Hard worker and of cheerful disposition. His sister who keeps house for him states that she doesn't think he is quite right, as his temperament which used to be sullen and quiet is now the reverse.

17. 12. 26. Discharged.

No. 4639.

Profession: Labourer.

Age: 43.

Diagnosis: Paraphrenia.

Height: 171.4

Weight: 65.7

MEASUREMENT:SKULL.

Horiz. Circum: 57.4  
 Sag. Diameter: 19.5  
 Frontal " 16  
 Vertical " 20  
 Height of Face: 8  
 Breadth " " 11.5/9.5  
 Length of Nose: 6

CIRCUMFERENCE.

Chest: 88.9  
 Stomach: 78  
 Hips: 88.2  
 Forearm: 27  
 Hand: 21  
 Calf: 33.8  
 Length: Legs: 85.8 Arms: 77  
 Breadth: Shoulder: 38  
 Pelvis: 29.5

FACE & SKULL.Shape of Head: Medium breadth.Frontal: Indefinite egg shape.Profile: Arched.

Height  
 proportion: Middle face: 8  
 Chin: 4.6

Description: "Asthenic".

Nose: Long, thin, prominent.

PHYSIQUE.

Bones: Medium.

Stomach: Lax, some fat.

Musculature: Fair.

Pelvis: Medium.

Fat: General distribution.

Extremities: Arms. Good musculature.  
 Legs. Rather fat.

Neck: Muscular.

Hands: Large.

Shoulders: Medium.

Feet. Large.

Chest: Rather flat.

Description: General distribution of fat - moderate musculature.HAIR.

Head hair: Grey. Scanty on vertex. Trunk: Weak.

Brows: Thin.

Beard: Medium.

Arms: Weak.

Pubes: Medium.

Armpits: Medium.

Legs: Very weak.

Description: Left inguinal hernia.

No. 4639.

ADMITTED: 26th. February 1923. Age 40. Single.

Correctly orientated. Does not show any gross memory defect - can speak coherently but is grossly irrational. Elated and self-satisfied but persecuted and conspired against. Speaks of his great Education (6th. Standard). States he is a chosen person of God, who has conferred wonderful powers on him. He can foretell future events, foretold death of Lord Kitchener - says he can control weather. Ladies in high society admire him and would entice him away if not prevented by the Police. The late King Edward approached him personally on 3 occasions and asked him to keep the peace with Germany. Instrumental in winning the war and destroyed Zeppelins by looking at them. He thinks it is a disgrace that his country should sentence him to hard labour for begging.

Declares that he has seen God and heard his voice and also that of his dead mother.

No. 5061.Age: 62.

Profession: Hawker.

Diagnosis: Alcoholic.

Height: 154.9

Weight: 67.5

MEASUREMENT.SKULL.

Horiz. Circum: 55.6  
 Sag. Diameter: 19  
 Frontal " 15  
 Vertical " 19  
 Height of Face: 7.5  
 Breadth " " 11/9.5  
 Length of Nose: 5.7

CIRCUMFERENCE.

Chest: 85.2  
 Stomach: 73.8  
 Hips: 80.7  
 Forearm: 22.2  
 Hand: 18.8  
 Calf: 32.9

Length: Legs: 82.2 Arms: 68

Breadth: Shoulder: 35  
Pelvis: 29

FACE & SKULL.

Shape of Head: Medium breadth.  
 Low. Occiput rounded.

Frontal: Shield-shapedProfile: Weakly curved.

Height  
 proportion: Middle face: 7.5  
 Chin: 4

Description: Small  
 "pyknic" type.

Nose: Curved - not prominent.PHYSIQUE.

Bones: Small.

Stomach: Lax. Not obese.

Musculature: Poor.

Pelvis: Medium.

Fat: Not marked.

Extremities: Poor development.

Neck: Short and thick.

Hands: Small, long fingers.

Shoulders: Narrow.

Feet: Broad.

Chest: Medium.

Description: Of poor physique and undersized.HAIR.

Head hair: Grey,  
 bald on vertex.

Trunk: A few hairs round nipples.

Brows: Medium.

Arms: Weak.

Beard: Medium.

Pubes: Rather straight  
 upper border.

Legs: Medium.

Armpits: Medium.

Description: Varicosity of veins of legs.

No. 5061.

ADMITTED: 10th. November 1925. Age 61. Single.

Talkative and self-satisfied, becomes excitable and abusive at times. He thinks he could do very well in the future if somebody would put him on his feet, although he has been a workhouse inmate for years.

Admits excessive alcohol and syphilis.

Has delusional ideas concerning persecution at the infirmary because a nurse imagined he was going to do her harm.

1927. Remains self-satisfied, grandiose and overbearing. He has an exaggerated opinion of his own abilities. States he can easily earn £5,000 a year.



No. 22.

Profession: Engineer.

Age: 62.

Diagnosis: Paraphrenia.

Height: 156.0

Weight: 48.0

MEASUREMENT.SKULL.

Horiz. Circum: 55.3  
 Sag. Diameter: 18.5  
 Frontal " 14.8  
 Vertical " 19  
 Height of Face: 7.5  
 Breadth " " 11.5/11  
 Length of Nose: 6

CIRCUMFERENCE.

Chest: 79.6  
 Stomach: 76  
 Hips: 81.8  
 Forearm: 21  
 Hand: 18.3  
 Calf: 30.2

Length: Legs: 81.7 Arms: 74

Breadth: Shoulder: 37.6  
 Pelvis: 27.5

FACE & SKULL.

Shape of Head: Rather low  
 and flat.

Frontal: Long shield-shape.

Profile: Straight but for  
 prominent nose.  
 Forehead in line  
 with jaw.

Height  
 proportion: Middle face: 7.5  
 Chin: 3.9

Nose: Large, curved, prominent.

Description: Very small chin.

PHYSIQUE.

Bones: Small.

Stomach: Prominent, but not  
 very obese.

Musculature: Poor.

Pelvis: Medium.

Fat: On breasts and abdomen.

Extremities: Small.

Neck: Medium.

Hands: Long. Thin fingers.

Shoulders: Narrow.

Feet: Small, narrow.

Chest: Rather fat.

Description: A slight deposit of fat in pyknic cases in an  
 otherwise thin and undersized individual.

HAIR.

Head hair: Grey.  
 No baldness.

Trunk: Thick.

Brows: Medium.

Beard: Medium.

Arms: Strong on forearms.

Pubes: Thick.

Armpits: Thick.

Legs: Strong.

Description: Marked development of secondary hair.  
 Small testicles.

No 50226

ADMITTED: June 15th. 1907. Age 43. Married.

(Reception order, 30th. September 1896)

Orientation complete but uncertain as to dates. States he is a Lord - the most famous surgeon of this or any other age - is on the Staff of St. George's Hospital. He is happy and elated.

Maintains that he is the inventor of electric light and incandescent light and that he was made a Lord by Queen Victoria. Works usefully.

1918. Now adds 3 speed bicycle to his inventions and states he was knighted by Queen Victoria for his proficiency in mathematics. He is personally acquainted with Count Zeppelin.

1923. Has invented an instrument that cures pneumonia on the principle of a vacuum cleaner. Behaviour and speech remain exalted.

1927. Retains his fantastic delusions. Works in the ward and also repairs watches.

No. 5223.

Profession: Tool-maker.

Age: 26.

Diagnosis: Dementia praecox.

Height: 163.1

Weight: 58.9

MEASUREMENT.SKULL.

Horiz. Circum: 55  
 Sag. Diameter: 18.5  
 Frontal " 15  
 Vertical " 19.5  
 Height of Face: 7.5  
 Breadth! " 12/9.5  
 Length of Nose: 5.5

CIRCUMFERENCE.

Chest: 82  
 Stomach: 78  
 Hips: 71  
 Forearm: 23.5  
 Hand: 20  
 Calf: 31.5

Length: Legs: 89 Arms: 72

Breadth: Shoulder: 36.5  
 Pelvis: 28

FACE & SKULL.Shape of Head: Medium breadth.Frontal: Egg shapeProfile: Weakly curved.

Height  
 proportion: Middle face: 7.5  
 Chin: 4

Description: Indefinite.

Nose: Curved, thin, not prominent.

PHYSIQUE.

Bones: Medium.

Stomach: Medium.

Musculature: Medium.

Pelvis: Medium.

Fat: Medium.

Extremities: Medium.

Neck: Short.

Hands: Medium, thin fingers.

Shoulders: Rather narrow.

Feet: Flat.

Chest: Rather flat.

Description: Indefinite.HAIR.

Head hair: Medium.

Trunk: Medium.

Brows: Medium.

Beard: Weak.

Arms: Medium.

Pubes: Medium.

Armpits: Weak.

Legs: Medium.

Description:

No. 5223.

ADMITTED: 14th. September 1925. Age 26. Single.

States that he knows this is a Mental Hospital and that he is here because of insane delusions of a religious nature. Believed that he had supernormal powers and at one time wondered if he were Christ or the Devil. He attempted to jump out of the window because he thought he would in this way save his mother's life, as he believed one of them had to die. His previous history indicates a long period of restlessness and feeling of incompatibility with his environment. He has been in many jobs since leaving school, changing because he thought something better was in store for him. He has had sexual doubts, thinking that he was not happy because he was not married, and being worried because he did not feel the same attraction towards women as others did. He stated that he took to praying and on one occasion when his eyes were closed in prayer saw a red light, which he took to be a sign from God. His expression and general behaviour suggest that he is worried by anxious thoughts, and although he talks about delusions has evidently no clear insight.

14. 11. 26. Most irrational in talk and showing much lack of appreciation of facts. Talks of visions he had of the "side room" before he came to the Hospital. Discusses seriously other patients who claim to be the "Son of God" and suggests putting the matter to a ballot.

14. 12. 26. Says he does not feel so well - evasive about what this means. Habit of repeating questions before answering and appears to ponder deeply before answering. Denies that he now thinks he is the Son of God. Working in ward.

6. 1. 27. Marked improvement.

19. 1. 27. Cheerful, active and working in upholsterers.

3. 2. 27. Improvement maintained and shows no tendency to above state of doubt.

11. 2. 27. Discharged.

No. 4015.Age: 25.

Profession: Cabinet-maker.

Diagnosis: Dementia praecox.

Height: 168.9

Weight: 61.2

MEASUREMENT.SKULL.

Horiz. Circum: 58.3  
 Sag. Diameter: 20  
 Frantal " 16  
 Vertical " 20  
 Height of Face: 8  
 Breadth " " 12/11  
 Length of Nose: 5.5

CIRCUMFERENCE.

Chest: 80  
 Stomach: 71  
 Hips: 87.6  
 Forearm: 26  
 Hand: 21.4  
 Calf: 33

Length: Legs: 87.5 Arms: 74

Breadth: Shoulder: 38  
 Pelvis: 29

FACE & SKULL.Shape of Head: Broad.Frontal: Long shield-shapeProfile: Arched.

Height  
 proportion: Middle face: 8  
 Chin: 5

Description: Athletic.Nose: Straight, rather prominent.PHYSIQUE.

Bones: Medium.

Stomach: Lax.

Musculature: Medium.

Pelvis: Broad.

Fat: Fair covering.

Extremities: Fair development.

Neck: Medium.

Hands: Broad.

Shoulders: Medium.

Feet: Broad.

Chest: Medium.

Description: Indefinite.HAIR.

Head hair: Thick.

Trunk: Strong<sup>below</sup> umbilicus. Slight on  
 sternum and a patch over sacrum.

Brows: Narrow.

Beard: Medium.

Arms: Medium.

Pubes: Thick.

Armpits: Medium.

Legs: Strong.

Description: Double otitis media.

No. 4015.

ADMITTED: 10th. October, 1919. Single.

Dull and self-absorbed. States he hears singing voices talking jumbled nonsense in his ears and that his father puts insects on him and was annoyed with him because he did not do enough work. Thinks he has been hypnotised by an Italian. Laughs and grins inanely.

Is now almost inaccessible and at times noisy and restless under the influence of hallucinations. Lacking in interests and initiative. Degraded habits.

No. 5256.

Age: 26.

Profession: Bricklayer.

Diagnosis: Dementia paranoides.

Height: 170.8

Weight: 62.0

MEASUREMENT.SKULL.

Horiz. Circum: 55.2  
 Sag. Diameter: 18.5  
 Frontal " 14.5  
 Vertical " 20  
 Height of face: 8  
 Breadth " " 10.5/10  
 Length of Nose: 5.5

CIRCUMFERENCE.

Chest: 85  
 Stomach: 70  
 Hips: 83.4  
 Forearm: 23.6  
 Hand: 20.2  
 Calf: 32  
 Length: Legs: 88.9 Arms: 77.4  
 Breadth: Shoulder: 40  
 Pelvis: 27.8

FACE & SKULL.

Shape of Head: Medium breadth.  
 Rather low. with  
 rounded occiput.

Profile: Weakly arched.

Description: Indefinite.

Frontal: Long shield-shape

Height  
 proportion: Middle face: 8  
 Chin: 4.5

Nose: Straight, not prominent,  
 rather blunt.

PHYSIQUE.

Bones: Medium.

Musculature: Medium.

Fat: Medium.

Neck: Muscular, trapezius  
 well marked.

Shoulders: Broad.

Chest: Rather flat.

Description: Indefinite.

Stomach: "Sagging."

Pelvis: Medium.

Extremities: Arms long and thin.  
 Legs medium.

Hands: Medium.

Feet: Medium.

HAIR.

Head hair: Medium.

Brows: Narrow.

Beard: Weak.

Pubes: Medium.

Armpits: Weak.

Trunk: Weak.

Arms: Weak.

Legs: Weak.

Description:

No. 5256.

ADMITTED: 6th. December 1920. Age 26. Single.

He realises his position but does not think there is any mental trouble. States that he is a bit run down, and is worried about clearing his name of an accusation of assault against a married woman. He states he left this country because of it and went to America. The gang which had started to persecute him followed him there. He decided to come back and so smashed a window somewhere in Carolina and was deported. He went to work when he came home but left because he saw the faces of two of his fellow workmen which he recognised as belonging to the gang. He has heard people say that he is going to be shot. He endeavoured to summons these people and has written to the police about it. He talks in a dull toneless voice and appears anergic and listless.

27. 1. 27. He continues irrational and states that he believes that the A nurse and another nurse are in league with the gang to shoot him.

23. 2. 27. Escaped and not recaptured.



No. 2166Age: 68

Profession: Handy man.

Diagnosis: Synotonic (Manic-depressive)

Height: 161.29

Weight: 54.42

MEASUREMENT.SKULL.

Horiz. Circum: 54.5  
 Sag. Diameter. 18.5  
 Frontal " 15.5  
 Vertical " 18.5  
 Height of Face: 7.5  
 Breadth " " 12/10.2  
 Length of Nose: 6

CIRCUMFERENCE. Chest: 83  
 Stomach: 74.8  
 Hips: 86.9  
 Forearm: 23  
 Hand: 21  
 Calf: 31.5

Length: Legs: 84 Arms: 73

Breadth: Shoulder: 40  
 Pelvis: 30

FACE & SKULL.

Shape of Head: Narrow and  
 rather low.

Frontal: Indefinite.

Profile: Indefinite.

Height  
 proportion: Middle face: 7.5  
 Chin: 4

Description: Indefinite.

Nose: Long, straight, rather  
 prominent.

PHYSIQUE.

Bones: Small.

Stomach: "Sagging"

Musculature: Fair.

Pelvis: Broad.

Fat: Poor.

Extremities: Medium.

Neck: Thin.

Hands: Broad, thick fingers.

Shoulders: Broad.

Feet: Broad.

Chest: Rather flat.

Description: Indefinite.

HAIR.

Head hair: White. Medium.

Trunk: Weak.

Brows: Medium.

Beard: Medium.

Arms: Weak.

Pubes: Masculine.

Armpits: Medium.

Legs: Medium.

Description: Thickened arteries.

No. 2166.

ADMITTED: 24th. February 1911. Age 53. Married.

Excitable and quickly loses self-control. Rather lengthy and often absurd explanations of his actions. He explains the breaking up of furniture before admission by stating that it would obtain nothing if sold. Boastful and noisy and restless at nights.

Wife reported that he often had excited outbursts, when he was very quarrelsome. Had one depressed period previous summer.

Had attack of excitement and intervals since - at other times was dull and confused and retarded.

JULY 1913. Well enough to work on farm.

1915. Quieter but emotional and easily upset, and lacking in insight. Attack of Typhoid.

1917. MARCH. Maniacal attack. Childish, simple and facile.

1920. Showing signs of dementia. Weight 10.4.

1922. Fixed ideas against another patient, with whom he frequently quarrels.

1926. Progressive dementia - unstable and frequently involved in quarrels.

No. 5239.Age: 54.

Profession: Traction engine driver.

Diagnosis: Alcoholic.

Height: 156.2

Weight: 52.1

MEASUREMENT.SKULL.

Horiz. Circum: 56.5  
 Sag. Diameter: 20  
 Frontal " 14  
 Vertical " 20  
 Height of Face: 7  
 Breadth " " 11/9.5  
 Length of Nose: 5.5

CIRCUMFERENCE.

Chest: 82  
 Stomach: 74.5  
 Hips: 84  
 Forearm: 25  
 Hand: 19  
 Calf: 30

Length: Legs: 82.5 Arms: 71

Breadth: Shoulder: 38  
 Pelvis: 28

FACE & SKULL.

Shape of Head: Medium breadth.  
 Rather low,  
 Prominent occiput.

Profile: Indefinite.Description: Indefinite.Frontal: Small shield-shape.

Height

Proportion: Middle face: 7  
 Chin: 3.5

Nose: Straight, blunt, not prominent.PHYSIQUE.

Bones: Medium.

Musculature: Medium,  
 Well defined.

Fat: Not marked.

Neck: Medium.

Shoulders: Good for size.

Chest: Good depth for size.

Description: Small muscular - undersized.

Stomach: Poor muscle tone.

Pelvis: Medium.

Extremities: Good development  
 for size.

Hands: Medium.

Feet: Rather flat.

HAIR.

Head hair: Grey, scanty.

Brows: Thick.

Beard: Thick.

Pubes: Medium.

Armpits: Medium.

Description:

Trunk: Medium.

Arms: Medium.

Legs: Medium.

No. 5239.

ADMITTED: 10th. November 1926. Age 54. Single.

Properly orientated and realises the nature of this place. He does not appreciate that there is any good reason for his being brought here. He is very detailed in his account of himself but it is difficult to elicit important facts from him. He has been four times in mental hospitals. Alcohol appears to be the exciting cause in each case. He admits without shame that he has taken large quantities. He admits that he has heard "voices" at times. He is evidently under the impression that he has been badly treated by the authorities and hints that the Court has been cleared several times in order to suppress what he has to say. He has only done one week's work since his discharge from the Army in 1918. He states that he has momentary losses of memory for which he gets a pension.

JANUARY 1927. Has been quiet and well behaved since admission and is working well. Is on parole.

## COMPARISON OF MEASUREMENTS IN GROUPS A: B: and C:

The statement of average figures is useless in a work of this kind. To decide the best method of indicating the measurements obtained in each group was found difficult. Many attempts were made to classify the material according to actual measurements, and it was the discovery that those of the chest, abdomen and hips were the most significant for this purpose that lead to the impression that the real basis of classification was the one adopted here. The following diagrams are designed to show as clearly as possible the relative significance of the measurements taken.

### EXPLANATION OF THE DIAGRAMS.

The horizontal coloured lines represent numbers of cases, the length of each square representing two cases. The actual numbers are used as giving a better basis for comparison than percentages.

Each set of three charts refers to one measurement as it occurs in each of the three groups.

It should be noted that the 15 cases which were put in the indefinite group are omitted.

The centre (black) line represents the number of cases in the group which conformed to the average of the measurements in all groups, for example, in series 1, the average horizontal circumference of the skull in all 85 cases was 55 cm. It will be seen that in Group A only one case coincided with this measurement: in Group B six were found, while there were nine in Group C.

The upper (red) line represents the number in each group who were above the average, and the lower (green) line the number that were below.

THE SKULL. Fig. I indicates that while the majority of Class A. give readings above the average for the total material, there are a considerable number of the group with small measurements. Group B. has the most consistently large measurements, while Group C. has a tendency to an even distribution about 55 cm. The diagram



GROUP C,

GROUP B,

GROUP A,

HORIZONTAL CIRCUMFERENCE  
OF SKULL,

SAGITTAL DIAMETER  
OF SKULL,

FRONTAL DIAMETER  
OF SKULL,

VERTICAL DIAMETER  
OF SKULL,

I,

55  
Cm

II,

19.5  
Cm

III,

16.8  
Cm

IV,

20  
Cm

Each division = two cases.

..... represents the number of cases in each group having a measurement equal to the average of the total cases in the three groups.  
— represents the number of cases with a measurement greater than the average.  
— represents the number of cases with a measurement less than the average.



indicates the tendencies of each group better than averages and at the same time demonstrates the overlapping which occurs in this measurement.

Figs. II and IV demonstrate a close similarity between the three groups. Fig. III indicates the tendency to breadth in Group A. but the absence of consistently higher readings.

THE FACE. Fig. V shows that there is a more definite tendency to length of face in Groups B. and C. and a more general average in Group A. A comparison of Figs. VI and VII suggests that the breadth of the face between the angles of the inferior maxillae is of more significance than the malar breadth. Here again, although a large proportion of Group C. are found to be below the average, an appreciable number of cases in the other groups give similar readings. Fig. VIII indicates the absence of any significant difference in the length of the nose. A very definite visual impression of the prominence of this feature is obtained in Groups B. and C. As has already been suggested, the explanation of this apparent discrepancy depends on the presence or absence of fat padding.

THE EXTREMITIES. The comparative measurements of the legs and arms are given in Figs. IX and X. The former draws attention to the tendency for cases to occur in Group C., with unusual length of leg. In Group C. 15 cases had a leg measurement of 90 cm., or over. This occurred in Group A. 3 times, and in Group B. 4 times. In 11 cases in the lean group this measurement fulfilled the "dysplastic" test of Kretschmer by being when doubled more than 10 cm. greater than the total height. This feature appeared in one case in Group B. but not in Group A. It also occurred in 2 cases in the indefinite group.

Fig. X contains a record of the rather greater number of short arms in the "fat" group, but is otherwise not very significant. The actual measurements demonstrated, however, that exceptional length of arm occurs in Group C.

SHOULDER. Kretschmer does not state when his measurement of the shoulder is taken. In this investigation the points taken were the most prominent part of the deltoid muscle with the arms hanging



GROUP A.

GROUP B.

GROUP C.

IX.

85  
cm.

X

75  
cm.

XI

35  
cm.

XII

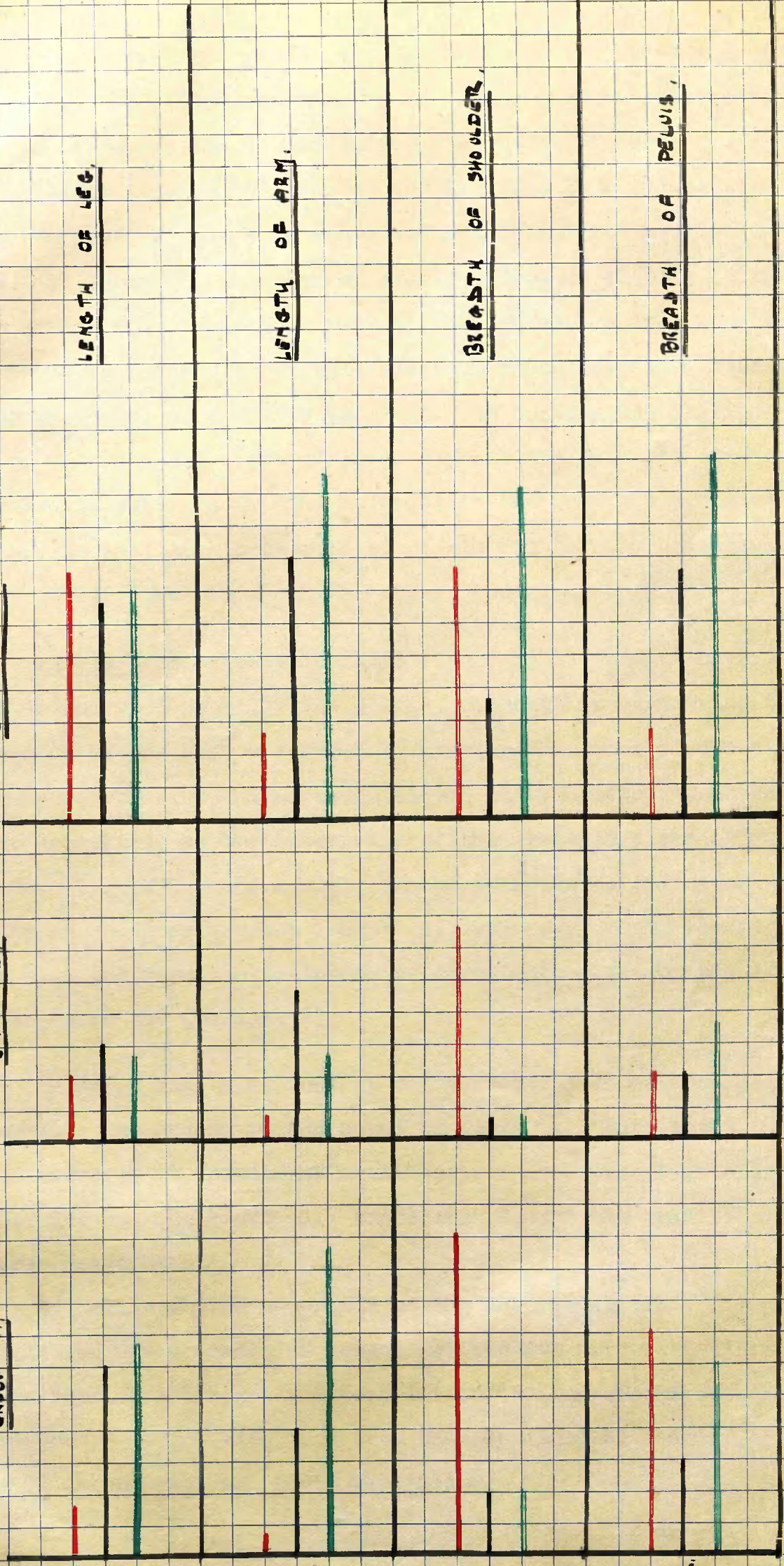
29  
cm.

LENGTH OF LEG.

LENGTH OF ARM.

BREADTH OF SHOULDER.

BREADTH OF PELVIS.





close to the sides. This may be the reason why the figures are larger on the average than those reported by Kretschmer. The result obtained by such a measurement can depend on the proportion of three factors (1) the shoulder girdle, (2) muscle, and (3) fat. In Groups A. and B. the three factors balance each other and almost similar results are obtained. In Group C. breadth of shoulder depends chiefly on the shoulder girdle and in particular on the clavicles, a long bone which appears to be influenced in certain cases in Group C. in a similar manner to the bones of the arms and legs. In consequence instances of breadth of shoulder quite out of proportion to the muscular development are obtained in this group. The majority in the lean group, lacking this factor in addition to absence of muscle and fat, have measurements which are smaller than those in the other groups.

PELVIS. No cases were found with very definite tendency to feminism in the appearance of the pelvis, although in many cases the circumference of the hips was slightly greater than that of the chest. In the measurement of pelvis breadth at the iliac crests, skeleton and fat alone are concerned, as the outer edge of the crest is clear of muscular attachment. Fig. XII, as one might expect, therefore, indicates a similarity in readings between Groups B. and C., while the figures in Group A. indicate the influence of subcutaneous fat by the larger proportion above the average.

HEIGHT. Fig. XIII sums up the variations as regards height very clearly. The height of the cases in Group A. vary about the average; there is an absence of small stature in Group B., only one case under 165 cm. In Group C. there are present the smallest and the largest measurements.

So far, with the exception of the horizontal skull circumference, only the linear measurements of length and breadth have been discussed. It will be seen that the general description and impression obtained in the three groups do not vary much from that obtained by a study of Kretschmer's three types and their variations.



GROUP A

GROUP B

GROUP C

XIII

165  
Cm.

XIV

60  
Kilos.

XV

80  
Cm.

XVI

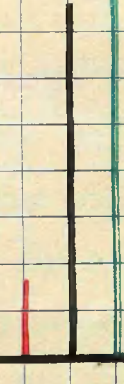
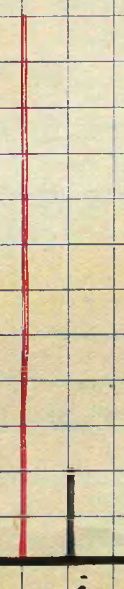
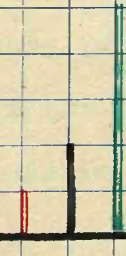
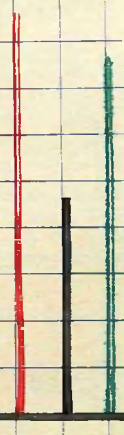
85  
Cm.

HEIGHT

WEIGHT

ABDOMINAL  
CIRCUMFERENCE

THORACIC  
CIRCUMFERENCE





WEIGHT AND MEASUREMENTS OF CIRCUMFERENCE. A consideration

of the results obtained from these measurements indicates that the selection of cases by the visual impression of fatness, muscularity and leanness results in the grouping of cases having quite as definite differences as those obtained by Kretschiner. Fig. XIV contains the comparison of weights. In Group A., of the 3 cases with a weight below 60 kilos, 2 were in acute phases, and one had weighed 76 kilos before the onset of a prolonged period of excitement. The third had never shown a considerable rise in weight in the records of the hospital, but was placed in this group because of the presence of typical fat on abdomen and breasts.

The case in Group B. below 60 kilos had rather small but well made and clearly defined muscles. In Group C. of the two cases above the average one was 186.6 cm. in length and the other 179.7 cm.

A distinct separation between Group A. and Groups B. and C. is found in Fig. XV. The three cases in the former group already referred to alone appear below the average. That the circumference of the chest is chiefly large in Groups A. and B. comes out clearly in Fig. XVI.

The hip circumference is made up of skeleton, muscle and fat. A deposit of fat, however, influences the measurement more than muscle, and in the absence of a tendency to either small measurements are obtained, as represented in Fig. XVII.

Figs. XVIII, XIX and XX again indicate the effect of the presence of fat and muscle, but here the deposition of fat is not so marked and the influence of muscular development, which in turn influences the size of the bone from which it arises, is greater. The fact that the muscular development of the legs was noted as good in a number of cases in Group C. is indicated in Fig. XX.

BODY COVERING.

SKIN. The appearance of the skin varies so greatly with room temperature and any judgments based on observations made during an examination of such as was made in this investigation are so difficult to form that they are not here considered.



GROUP A,

XVII

90  
Cm.

GROUP B,

XVIII

24  
Cm.

XIX

20  
Cm.

XX

32  
Cm.

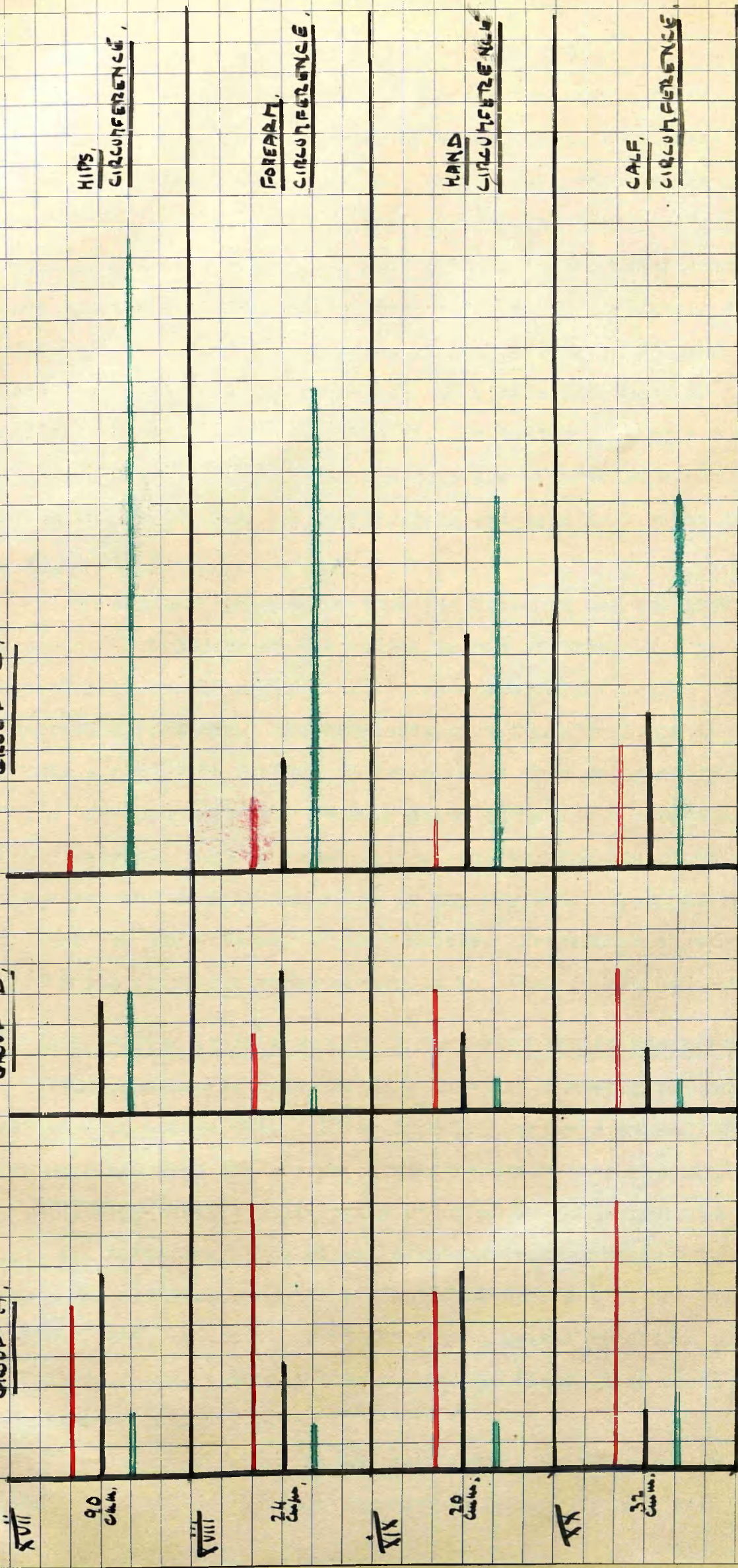
GROUP C,

HIPS,  
CIRCUMFERENCE,

FOREARM,  
CIRCUMFERENCE,

HAND  
CIRCUMFERENCE

CALF,  
CIRCUMFERENCE





HAIR. There appeared to be a strong tendency for baldness of the vertex to occur in Group A. It occurred in 14 cases (50%). In Group B. 4 cases were observed to be bald, and a thinness of hair was noted in 4 others. In Group C. only 7 were recorded as hairy baldness of the vertex. Only in one case did the patchy baldness described by Kretschmer occur. Loss of hair at the outer limit of the eyebrows was found in 5 cases in Group A. and in 2 cases in Groups B. & C. The pubic hair had definite feminine limits in 5 cases in Group C. This occurred only once in Group A., in a case diagnosed as dementia paranoides, and in no case in Group B. A tendency to poor development of secondary hair on trunk, arms and legs was obvious in Group C. Absence of hair was observed on the trunk and legs in 5 cases in Group A., owing to senile changes.

No constant phenomenon then was found in any one group. The presence of baldness of the vertex in 50% of Group A., accompanied by loss of hair in the eyebrows in 5 instances, might suggest the presence of a thyroid deficiency. The frequency of a feminine limit in the pubic hair - namely in 5 cases in Group C. - does not justify the drawing of any conclusions. At this point it may be stated that other feminine features, such as broad pelvis and feminine distribution of fat, were not observed as occurring in any way which appeared to be significant for the purposes of this thesis. Kretschmer appears to have found feminine characteristics occurring in cases in all his types.

#### CONCLUSIONS ARRIVED AT AS A RESULT OF THE PHYSICAL CLASSIFICATION.

No pretence is made that the material investigated has been classified into groups which differ from Kretschmer's types. Indeed it must be clear that the groups obtained contain in essential, and probably in detail, exactly those cases which he would describe as pyknic, athletic and asthenic. The object of the foregoing discussion is to show that for clinical purposes a simplified approach to the subject is possible, and, as the study of the psychological reactions of the cases will indicate, some significance can be attached to these groups from a clinical point of view.

The classification is not very exact, or dependent on any scientific formula, but for the purposes of actual contact with

psychotic patients it appears just as serviceable as Kretschmer's very qualified descriptions. Wertheimer's Index may prove to be a scientific method of registering these differences but it also appears to be most true of the most marked cases in each group.

Even with the application of his index Wertheimer clearly states that there is no evidence of the existence of clear cut types. A practical application of Kretschmer's methods leads to the same conclusion, and the endeavour to obtain types by measurement and overstressing of detail sidetracks the value of the evidence gained from a general investigation of the relation between physique and psychological reactions. All progress in psychology depends on a clear understanding of its dynamic nature. Whatever may be the result in body measurements and indices metabolic processes occur at some part of the chain of causation. The ideas of fatness, muscularity and leanness contain this metabolic suggestion.

#### THE PSYCHOTIC SYMPTOMS OF THE GROUPS.

A grouping of the material having been obtained according to physical appearances it was necessary to classify the cases in respect of the type of psychosis they displayed. The second part of Kretschmer's book contains a minute study of the cycloid and schizoid temperaments. As already indicated, he considers that his types show a definite relation to these two great modes of reaction. As a basis of classification, then, Bleuler's (12) conception of the syntonie and schizoid types is used. Under the former heading are included the manic-depressive and melancholic cases, and under the latter cases of dementia praecox, dementia paranoides and paraphrenia. The cases which might be classified as paraphrenias are distinguished from those exhibiting a marked deterioration of personality such as is recognised in the diagnosis of dementia praecox.

#### GROUP A.

SYNTONIC. In this group 18 cases exhibited symptoms which were chiefly affective and had histories of very definite cyclical changes in their affective state. Out of this number 6 had a history of alcoholism which appeared to be responsible for the actual breakdown

although excess in this direction was probably a symptom of their affective state. One case was a melancholic who remained depressed and hypochondriacal. Another case who might be included here had periods of excitement and depression but was never in a very settled state and was evidently under the influence of hallucinations most of the time. These varied in character with the prevailing affective state.

SCHIZOID. Delusional and hallucinatory factors were more prominent than affective changes in 7 cases. Three of these had definite exacerbations of the acuteness of their symptoms but all could be classified as paraphrenics.

One case of dementia paranoides occurred in this group.

As a diagnostic rather than a prognostic indication it should be noticed that 4 cases in the syntonic group had been discharged on two occasions and that 11 had been discharged once from the hospital. One case in the schizoid group with definite recurrent periods had relapsed after being discharged on one occasion. Another case diagnosed as paraphrenia and who appeared to be developing a delusional system appears to have made a fair recovery and was discharged.

#### GROUP B.

SYNTONIC. One case was of this type. He was depressed and over-anxious during the whole of his stay in the hospital, but had periods of excitement accompanied by hallucinations and ideas of persecution, during which he was very violent. There was a strong alcoholic element in his case and he had been certified twice.

SCHIZOID. The remaining 14 cases could be classified under the heading of paraphrenia.

#### GROUP C.

SYNTONIC. Two cases with melancholic symptoms are placed under this heading.

SCHIZOID. Delusional symptoms of an unorganised type with hallucinations were the chief features in 13 cases. They are classified as suffering from paraphrenia.

The greater number in Group C., however, exhibited a definite deterioration of the personality and 27 of them are diagnosed as dementia praecox or dementia paranoides. One of these cases had recovered sufficiently to be discharged on one occasion.

A short clinical history follows the constitution scheme of each case where the salient facts leading to the diagnosis are given. In the preceding section the cases have been classified according to their preponderating symptoms and no pretence is made at the finer points of exact diagnosis. The following table indicates the result -

	SYSTONIC	SCHIZOID	
		PARAPHREMIA	DEMENTIA PRAECOX
Group A	19	8	1 (Dementia paranoides)
" B	1	14	-
" C	2	13	27
Total -	22	35	28

The results are striking enough for the conclusion to be drawn that some relation exists between physique and type of psychosis. Out of 22 cases suffering from the syntonik type of psychosis 19 are found to occur in the fat group, while 27 of the 28 cases of dementia praecox occur in the lean group. Of the 63 cases classified under the general heading of Schizoid 54 belong to Groups B. and C. This amply bears out Kretschmer's conclusions, as it has already been pointed out that the Groups A. B. and C. correspond in essentials with the pyknic, athletic and asthenic groups.

It is justifiable to conclude that -

- (1) there is a definite affinity between fatness and the group of psychoses described as syntonik
- (2) there is a definite affinity between muscularity and leanness and the group of psychoses described as schizoid.

#### GENERAL CONCLUSIONS.

These will be considered under the headings 1. Biological  
2. Biochemical 3. Clinical.



BIOLOGICAL.

A study of the cases investigated and the literature of the subject does not lead one to believe that any types in the strict biological sense have been discovered. Body structure depends on so many interrelated factors that a fundamental basis of classification could not be justifiable upon physique alone. This view receives support from the very considerable degree of mixture found in most individual cases if Kretschmer's descriptions are followed in detail. The recognition of the fact that one may find a pyknic head on an asthenic body, or the reverse, to take a gross instance, appears to be meaningless when the many factors involved in growth are considered. There is no justification in physiological science for the view that the head and body are subject to different metabolic rules. The correlation of body processes is more firmly established by the result of every biochemical research.

The French "types" and Kretschmer's types are instances of an attempt to simplify the problem of personality, or rather to circumscribe it. The fault lies not in the investigation but in the stress placed upon details and the conclusions drawn. There seems to be sufficient evidence that some physical tendencies appear to be associated with psychological tendencies. These physical tendencies correspond closely to the features described in Kretschmer's types. Bleuler indicates the trend of psychiatry in his statement that we no longer have to ask, is it manic-depression or schizophrenia, but to what extent manic-depression and to what extent schizophrenia. Classification becomes less rigorous and the individual is studied as an individual and not one of a type. Is there anything to be gained by the classification of individuals from a physical point of view? The value of research lies, not in collecting and labelling, but in accumulating data which points the way to further investigations. It is for this reason that the cases observed were classified under the headings of fat, muscular and lean. Attention is thus drawn to the body processes which lie behind in a way which the terms "pyknic" and "asthenic" do not. It is suggested that there is sufficient evidence to indicate that the metabolic processes connected with the production of fat or with its absence are also associated with the syntonic and schizoid modes of reaction.

BIOCHEMICAL.

Much has been claimed for the endocrine glands which has had little verification in clinical or experimental experience. Berman (13) has written a book in which he solves, on paper, most of the problems of temperament, but he accepts with confidence, much that is doubtful or even discredited by trustworthy observers. Miller's book already referred to is another example of an attempt to explain facts by analogy without experimental support. The study of the writings of Schäfer (14) and Swale Vincent (15) produces a much more cautious outlook and they emphasize especially the importance of realising the interrelation of the glands.

The influence of some of the endocrine glands on fat formation is, however, generally recognised. Falta (16) recognises three classes of endogenous obesity, pancreatogenic, thyrogenic and dysplastic adiposogenitalis.

PANCREATOGENIC. He suggests that the "origin of obesity may receive an impetus through a primarily strengthened insular apparatus, in that the assimilation of large amounts of food goes on abnormally easily and hence there does not occur the setting free of the reactions that in normal individuals work against an ingestion of food which for a long time supersedes the need."

THYREOGENIC. The increase of weight occurring in myxoedema is seized on as an apt analogy on which to base an explanation of the "pyknic" group by definite thyroid secretion. The commonly accepted belief that the thyroid has an influence on the pancreas is of interest. Swale Vincent states that "notwithstanding the meagre character of the evidence the majority of modern writers seem fully to accept the view that the thyroid has a direct inhibitory influence upon the pancreas and affects carbohydrate metabolism through the internal secretion of this organ." It has been pointed out that baldness was found in 50% of the fat group, and a weakness of the eyebrows in a number. Both conditions are described as symptoms in hypothyroidism.

DYSTROPHIC ADIPOSEO-GENITALIS. The obesity of Frölich's

syndrome is a general obesity and may invade the muscle fibres, and is not the same as the classical pyknic deposition of fat. Nevertheless as a cause of fat accumulation **dyspituitarism** is now generally accepted and we may be dealing with differences in degree only. Cushny quoted by Swale Vincent states "a diminution of posterior lobe secretion occurring in certain conditions of hypopituitarism leads to an acquired high tolerance for sugar, with the resultant accumulation of fat."

Deficient or absent internal secretion of the testis appears to be associated with fat production. Castration is recognised as producing an increased production of fat. Such a condition is also associated with increased growth in length of the bones. Two of the cases described, both in the indefinite group, were found to be **above** average height with considerable fat deposit and small testicles. One suffered from the manic-depression psychosis and the other from paraphrenia. A number of cases in Group C. are noted as being above average height, but in their case there was an absence of fat. The work of Mott (17) suggests the deficiency of the internal testicular secretion in cases of dementia praecox. If this is so, some other factor must be present to account for the presence of fat in one case and its absence in the other. Muir (18) sums up the position by stating that there is a tendency to fat production in some people the cause of which is not yet understood.

It must be recognised that other factors, which may or may not depend on the endocrine system, affect bodily appearance. Such are the changes at different age periods and especially at puberty, the menopause and in senility. Vitamines exercise an influence on growth in the young which may determine physical development. Changes in appearance associated with acute or chronic diseases are of such frequent occurrence that they are only mentioned to stress the degree of dependence of body structure on internal metabolic changes.

The effects of light on body processes have been much studied recently and the subject has produced a literature as expansive as that concerned with endocrine function. Many of the statements made lack

confirmation but it appears to be established that light radiation and especially the ultra-violet rays of the spectrum have an influence on growth and development. Luckiesh and Pacini (19) discuss the matter at great length in their book on "Light and Health." Their reference to the influence of sunlight on "gland personalities" is of special interest. The influence of the ultra-violet rays on the building of the skeleton and musculature is also emphasised by them.

Biochemistry has not yet reached a stage at which conclusions in this matter are justifiable. Many factors may be responsible for the development of fat or its absence, but it is quite possible that the many apparent factors may all have a common factor. The discovery of the biochemical meaning of fat might also lead to the discovery of the biochemical meaning of temperament. That metabolic processes do have an influence on the general feeling-tone of the body is indicated by the investigations of McCowan and Harris (20) into the blood sugar curves in post-encephalitic cases. They found that the administration of hyoscine produced a clinical improvement coincident with an "improved" blood sugar curve. Craig (21) after a study of blood sugar curves concludes that "the irregular types of curve obtained in certain cases of melancholia are in all probability due to a lack of balance in the endocrine system, as considerable improvement in the mental reaction and type of curve has followed thyroid and adrenalin treatment."

#### CLINICAL.

While the above considerations appear to be of some value as indicating the way in which the subject may be most usefully regarded from the point of view of future work, it is important to discover if there is any immediate practical bearing of these conclusions. Obviously in the recognition of these tendencies we have no absolute diagnostic test. The difficulty in recognising the young member of the "fat" group, and the complications introduced by "intermediate" cases, are factors which detract from the clinical value of the relationship which forms the subject of this thesis. Apart from this, it is considered that the association between fat individuals of the appearance described and the syntonic type of reaction, and of lean individuals and the schizoid reaction is sufficiently constant to make the fact a valuable aid in

diagnosis. It is obvious that psychological and physical examinations must be made and are of first importance, but many doubtful cases may be correctly classified without the delay entailed in waiting for the results of observation over a period by the grouping suggested. Records supporting this claim are not included in this thesis because the test has not been made on a sufficient number of new cases. Nevertheless, the practical application of the theory on both male and female sides of this hospital has been sufficiently convincing of its clinical value. Case No. 5172 and especially case No. 5253 in Group A. are of considerable interest as instances of rather unexpected if temporary recoveries in cases diagnosed as paraphrenia. The point is not stressed as the number of cases is insufficient to draw conclusions.

S U M M A R Y.  
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1. A review of the literature is given to indicate that sufficient evidence was found to justify further investigation into the subject of physique in relation to the psychoses.
2. The result of an examination of 100 cases under certification on the lines suggested by Kretschmer is reported.
3. It is indicated that difficulty was experienced in the practical application of the details of his classification.
4. The material is, therefore, arranged in three groups -  
Group A. Fat:      Group B. Muscular:      Group C. Lean.
5. 15 cases are placed in an indefinite group for various reasons.
6. The characteristics of the groups are described.
7. The measurements obtained are compared in tabular form.
8. As a result the conclusion is reached that **no** biological types exist but that there is some relation between metabolic processes and the type of psychosis.
9. Some reasons are expressed for the belief that this may depend on changes in the endocrine glands.
10. A suggestion is made that the findings contained in this thesis may be of immediate clinical value.

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